UNITED STATES SECURITIES AND EXCHANGE COMMISSION

	<u>w</u>	ashington, D.C. 20549		
		FORM 10-Q		
	QUARTERLY REPORT PURSU EXCHANGE ACT OF 1934	ANT TO SECTION 13 OR 15((d) OF THE SECURITIES	
	For the quart	terly period ended September 30, 2023		
		OR		
	TRANSITION REPORT PURSU EXCHANGE ACT OF 1934	ANT TO SECTION 13 OR 15((d) OF THE SECURITIES	
	For the Transiti	on Period From To	_	
	Comm	nission File Number: 001-36307		
		uilding Product of registrant as specified in its charter)		
	(Exact lialile	or registrant as specified in its charter)		
(St inco	Delaware ate or other jurisdiction of orporation or organization)		45-3707650 (I.R.S. Employer Identification No.)	
495	South High Street, Suite 50 Columbus, Ohio		43215	
(Addres	ss of principal executive offices)		(Zip Code)	
		(614) 221-3399		
	(Registrant's	telephone number, including area code)	ı	
	Securities registe	ered pursuant to Section 12(b) of the	Act:	
Common	Title of each class Stock, \$0.01 par value per share	Trading Symbol(s) IBP	Name of each exchange on which registered The New York Stock Exchange	
	for such shorter period that the registrant wa		5(d) of the Securities Exchange Act of 1934 of has been subject to such filing requirements	
	whether the registrant has submitted electron 232.405 of this chapter) during the precedin		red to be submitted pursuant to Rule 405 of I that the registrant was required to submit suc	ch files).
			rated filer, a smaller reporting company, or an pany," and "emerging growth company" in Ru	
Large accelerated filer			Accelerated filer	
Non-accelerated filer			Smaller reporting company	
			Emerging growth company	
If an emerging growth co	ompany, indicate by check mark if the registi	rant has elected not to use the extended	transition period for complying with any new	v or

On November 1, 2023, the registrant had 28,409,079 shares of common stock, par value \$0.01 per share, outstanding.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b–2 of the Exchange Act). Yes \square No \boxtimes

revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box



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PART I – FINANCIAL INFORMATION

Item 1. Financial Statements

INSTALLED BUILDING PRODUCTS, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (UNAUDITED)

(in thousands, except share and per share amounts)

	September 30,			December 31,		
		2023		2022		
ASSETS						
Current assets						
Cash and cash equivalents	\$	339,759	\$	229,627		
Accounts receivable (less allowance for credit losses of \$10,919 and \$9,549 at September 30, 2023 and December 31, 2022, respectively)		427,093		397,222		
Inventories		159,675		176,629		
Prepaid expenses and other current assets		73,292		80,933		
Total current assets		999,819		884,411		
Property and equipment, net		134,031		118,774		
Operating lease right-of-use assets		77,808		76,174		
Goodwill		395,213		373,555		
Customer relationships, net		181,672		192,328		
Other intangibles, net		89,637		91,145		
Other non-current assets		42,780		42,545		
Total assets	\$	1,920,960	\$	1,778,932		
LIABILITIES AND STOCKHOLDERS' EQUITY	_					
Current liabilities						
Current maturities of long-term debt	\$	31,803	\$	30,983		
Current maturities of operating lease obligations		27,769		26,145		
Current maturities of finance lease obligations		2,694		2,508		
Accounts payable		143,556		149,186		
Accrued compensation		61,151		51,608		
Other current liabilities		57,703		67,631		
Total current liabilities		324,676		328,061		
Long-term debt		833,458		830,171		
Operating lease obligations		50,085		49,789		
Finance lease obligations		6,909		6,397		
Deferred income taxes		29,836		28,458		
Other long-term liabilities		47,814		42,557		
Total liabilities	•	1,292,778		1,285,433		
Commitments and contingencies (Note 16)						
Stockholders' equity						
Preferred Stock; \$0.01 par value: 5,000,000 authorized and 0 shares issued and outstanding at September 30, 2023 and December 31, 2022, respectively		_		_		
Common stock; \$0.01 par value: 100,000,000 authorized, 33,582,449 and 33,429,557 issued and 28,409,655 and 28,306,482 shares outstanding at September 30, 2023 and December 31, 2022, respectively		336		334		
Additional paid in capital		239,546		228,827		
Retained earnings		638,309		513,095		
Treasury stock; at cost: 5,172,794 and 5,123,075 shares at September 30, 2023 and December 31, 2022, respectively		(295,144)		(289,317)		
Accumulated other comprehensive income		45,135		40,560		
Total stockholders' equity	_	628,182		493,499		
Total liabilities and stockholders' equity	\$	1,920,960	\$	1,778,932		
Total habilities and stockholders equity	_	,= -,= 0	÷	, ,,,,,,		

See accompanying notes to consolidated financial statements

INSTALLED BUILDING PRODUCTS, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE INCOME (UNAUDITED) (in thousands, except share and per share amounts)

	Three months end	led S	eptember 30,		Nine months end	ed September 30,			
	2023		2022	2023			2022		
Net revenue	\$ 706,465	\$	719,114	\$	2,057,874	\$	1,983,355		
Cost of sales	464,371		497,837		1,372,883		1,372,966		
Gross profit	242,094		221,277		684,991		610,389		
Operating expenses									
Selling	31,966		31,651		97,475		86,214		
Administrative	96,789		84,345		282,277		247,519		
Amortization	 11,031		11,370		33,722		33,728		
Operating income	102,308		93,911		271,517		242,928		
Other expense, net									
Interest expense, net	9,718		10,668		29,216		31,669		
Other (income) expense	 (205)		185		(544)		698		
Income before income taxes	92,795		83,058		242,845		210,561		
Income tax provision	24,803		22,080		63,982		55,857		
Net income	\$ 67,992	\$	60,978	\$	178,863	\$	154,704		
Other comprehensive income, net of tax:									
Net change on cash flow hedges, net of tax provision of \$(1,956) and \$(5,105) for the three months ended September 30, 2023 and 2022, respectively, and \$(1,633) and \$(15,138) for the nine months ended September 30, 2023 and 2022, respectively	5,482		14,379		4,575		42,640		
Comprehensive income	\$ 73,474	\$	75,357	\$	183,438	\$	197,344		
Earnings Per Share:									
Basic	\$ 2.41	\$	2.14	\$	6.35	\$	5.36		
Diluted	\$ 2.40	\$	2.13	\$	6.32	\$	5.33		
Weighted average shares outstanding:									
Basic	28,204,328		28,478,954		28,151,899		28,851,389		
Diluted	28,318,633		28,595,707		28,290,533		29,020,509		
Cash dividends declared per share	\$ 0.33	\$	0.32	\$	1.89	\$	1.85		
-									

INSTALLED BUILDING PRODUCTS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (UNAUDITED)

FOR THE THREE MONTHS ENDED SEPTEMBER 30, 2022 AND SEPTEMBER 30, 2023

(in thousands, except share and per share amounts)

-	Common	Stock Amount	Additional Paid In Capital	Retained Earnings	Treasur Shares	y Stock Amount	Accumulated Other Comprehensive Income	Stockholders' Equity
BALANCE - July 1, 2022	33,428,587	\$ 334	\$ 222,270	\$ 401,326	(4,682,973)	\$ (251,363)	\$ 28,034	\$ 400,601
Net income		-	-	60,978				60,978
Surrender of common stock awards					(554)	(5)		(5)
Share-based compensation expense			2,967					2,967
Share-based compensation issued to directors	970		140					140
Dividends declared (\$0.32 per share)				(9,018)				(9,018)
Common Stock repurchase					(141,932)	(12,528)		(12,528)
Other comprehensive income, net of tax							14,379	14,379
BALANCE - September 30, 2022	33,429,557	\$ 334	\$ 225,377	\$ 453,286	(4,825,459)	\$ (263,896)	\$ 42,413	\$ 457,514
-	Common Stock Shares Amount		Additional Paid In Capital	Retained Earnings	Treasury Stock Shares Amount		Accumulated Other Comprehensive Income	Stockholders' Equity
BALANCE - July 1, 2023	33,582,403	\$ 336	\$ 236,123	\$ 579,691	(5,171,835)	\$ (295,131)	\$ 39,653	\$ 560,672
Net income				67,992				67,992
Issuance of common stock awards to employees	46	_	_					_
Surrender of common stock awards					(959)	(13)		(13)
Share-based compensation expense			3,246					3,246
Share-based compensation issued								177
to directors			177					1//
to directors Dividends declared (\$0.33 per share)			177	(9,374)				(9,374)
Dividends declared (\$0.33 per			177				5,482	

INSTALLED BUILDING PRODUCTS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (UNAUDITED) FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2022 AND SEPTEMBER 30, 2023

(in thousands, except share and per shares amounts)

	Common			Additional Paid In		Retained				ıry Stock			Accumulated Other Comprehensive	S	tockholders'
	Shares	Amo	ount	C	Capital		Earnings		Shares		Amount		(Loss) Income		Equity
BALANCE - January 1, 2022	33,271,659	\$	333	\$	211,430	\$	352,543	((3,565,258)	\$	(147,239)	\$	(227)	\$	416,840
Net income							154,704								154,704
Issuance of common stock awards to employees	112,389		1		(1)										_
Surrender of common stock awards									(53,599)		(4,464)				(4,464)
Share-based compensation expense					9,559										9,559
Share-based compensation issued to directors	6,305				389										389
Issuance of awards previously classified as liability awards	39,204				4,000										4,000
Dividends declared (\$1.85 per share)							(53,961)								(53,961)
Common stock repurchase								((1,206,602)		(112,193)				(112,193)
Other comprehensive income, net of tax													42,640		42,640
BALANCE - September 30, 2022	33,429,557	\$	334	\$	225,377	\$	453,286	((4,825,459)	\$	(263,896)	\$	42,413	\$	457,514
	Common Shares	on Stock Amount		Additional Paid In Capital		Retained – Earnings			Treasury Stock Shares Amount			Accumulated Other Comprehensive Income		S	tockholders' Equity
BALANCE - January 1, 2023	33,429,557	\$	334	\$	228,827	\$	513,095	((5,123,075)	\$	(289,317)	\$	40,560	\$	493,499
Net income							178,863					_			178,863
Issuance of common stock awards to employees	146,354		2		(2)										_
Surrender of common stock awards									(49,719)		(5,827)				(5,827)
Share-based compensation expense					10,236										10,236
Share-based compensation issued to directors	6,538				485										485
Dividends declared (\$1.89 per share)							(53,649)								(53,649)
Other comprehensive income, net of tax													4,575		4,575
BALANCE - September 30, 2023	33,582,449	\$	336	\$	239,546	\$	638,309	((5,172,794)	\$	(295,144)	\$	45,135	\$	628,182

See accompanying notes to consolidated financial statements

INSTALLED BUILDING PRODUCTS, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED) (in thousands)

	Nine months ended September 30,				
		2023		2022	
Cash flows from operating activities					
Net income	\$	178,863	\$	154,704	
Adjustments to reconcile net income to net cash provided by operating activities					
Depreciation and amortization of property and equipment		38,702		35,153	
Amortization of operating lease right-of-use assets		21,716		19,832	
Amortization of intangibles		33,722		33,728	
Amortization of deferred financing costs and debt discount		1,415		1,436	
Provision for credit losses		4,380		2,754	
Write-off of debt issuance costs		928		—	
Gain on sale of property and equipment		(1,518)		(1,048)	
Noncash stock compensation		10,637		10,290	
Other, net		(8,824)		1,509	
Changes in assets and liabilities, excluding effects of acquisitions					
Accounts receivable		(28,695)		(98,528)	
Inventories		18,715		(23,071)	
Proceeds from termination of interest rate swap agreements		_		25,462	
Other assets		10,701		4,773	
Accounts payable		(8,269)		20,290	
Income taxes receivable/payable		(198)		12,354	
Other liabilities		(21,736)		(971)	
Net cash provided by operating activities		250,539		198,667	
Cash flows from investing activities					
Purchases of investments		_		(344,388)	
Maturities of short term investments		_		320,000	
Purchases of property and equipment		(46,902)		(35,212)	
Acquisitions of businesses, net of cash acquired of \$10 and \$330 in 2023 and 2022, respectively		(44,845)		(75,779)	
Proceeds from sale of property and equipment		2,054		1,418	
Settlements with interest rate swap counterparties		12,165		1,287	
Other		(350)		(7,261)	
Net cash used in investing activities	\$	(77,878)	\$	(139,935)	

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INSTALLED BUILDING PRODUCTS, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED, CONTINUED) (in thousands)

	Nine months end	eptember 30,	
	 2023		2022
Cash flows from financing activities			
Payments on Term Loan	\$ (3,731)	\$	(3,750)
Proceeds from vehicle and equipment notes payable	28,359		20,492
Debt issuance costs	(438)		(655)
Principal payments on long-term debt	(22,193)		(23,340)
Principal payments on finance lease obligations	(2,199)		(1,661)
Dividends paid	(53,779)		(53,821)
Acquisition-related obligations	(2,721)		(9,423)
Repurchase of common stock	_		(112,193)
Surrender of common stock awards by employees	(5,827)		(4,464)
Net cash used in financing activities	(62,529)		(188,815)
Net change in cash and cash equivalents	 110,132		(130,083)
Cash and cash equivalents at beginning of period	229,627		333,485
Cash and cash equivalents at end of period	\$ 339,759	\$	203,402
Supplemental disclosures of cash flow information	 		
Net cash paid during the period for:			
Interest	\$ 36,332	\$	40,639
Income taxes, net of refunds	64,177		43,512
Supplemental disclosure of noncash activities			
Right-of-use assets obtained in exchange for operating lease obligations	\$ 23,188	\$	22,056
Release of indemnification of acquisition-related debt	_		980
Property and equipment obtained in exchange for finance lease obligations	2,905		4,411
Seller obligations in connection with acquisition of businesses	8,290		25,534
Unpaid purchases of property and equipment included in accounts payable	1,943		857

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See accompanying notes to consolidated financial statements

NOTE 1 - ORGANIZATION

Installed Building Products ("IBP"), a Delaware corporation formed on October 28, 2011, and its wholly-owned subsidiaries (collectively referred to as the "Company," and "we," "us" and "our") primarily install insulation, waterproofing, fire-stopping, fireproofing, garage doors, rain gutters, window blinds, shower doors, closet shelving and mirrors and other products for residential and commercial builders located in the continental United States. The Company operates in more than 240 locations and its corporate office is located in Columbus, Ohio.

The vast majority of our sales originate from our one reportable segment, Installation. Substantially all of our Installation segment sales are derived from the service-based installation of various products in the residential new construction, repair and remodel and commercial construction end markets from our national network of branch locations. Each of our Installation branches has the capacity to serve all of our end markets. See Note 3, Revenue Recognition, for information on our revenues by product and end market, and see Note 10, Information on Segments, for information on how we segment the business.

NOTE 2 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation and Principles of Consolidation

The accompanying consolidated financial statements include all of our wholly-owned subsidiaries. All intercompany accounts and transactions have been eliminated.

The information furnished in the Condensed Consolidated Financial Statements includes normal recurring adjustments and reflects all adjustments which are, in the opinion of management, necessary for a fair presentation of the results of operations and statements of financial position for the interim periods presented. Certain information and footnote disclosures normally included in the consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") and the rules and regulations of the Securities and Exchange Commission (the "SEC") have been omitted pursuant to such rules and regulations. We believe that the disclosures are adequate to prevent the information presented from being misleading when read in conjunction with our audited consolidated financial statements and the notes thereto included in Part II, Item 8, Financial Statements and Supplementary Data, of our Annual Report on Form 10-K for the fiscal year ended December 31, 2022 ("2022 Form 10-K"), as filed with the SEC on February 22, 2023. The December 31, 2022 Condensed Consolidated Balance Sheet data herein was derived from the audited consolidated financial statements but the related footnotes do not include all disclosures required by U.S. GAAP.

Our interim operating results for the three and nine months ended September 30, 2023 are not necessarily indicative of the results to be expected in future operating quarters.

Note 2 to the audited consolidated financial statements in our 2022 Form 10-K describes the significant accounting policies and estimates used in preparation of the audited consolidated financial statements. Other than the recently implemented accounting policy described below, there have been no changes to our significant accounting policies during the nine months ended September 30, 2023.

Reclassifications

In order to conform with the current year presentation, we reclassified \$1.3 million of the financing component of interest rate swaps for the nine months ended September 30, 2022 from "Other" to "Settlements with interest rate swap counterparties" within the investing activities section of our Condensed Consolidated Statements of Cash Flows.

Recently Adopted Accounting Pronouncements

Standard	Effective Date	Adoption
ASU 2021-08, Business Combinations (Topic 805): Accounting for contract assets and contract liabilities from contracts with customers	December 15, 2022	This pronouncement amended Topic 805 to require an acquirer to account for revenue contracts in a business combination in accordance with Topic 606 as if the acquirer had originated the contracts. This did not have a material impact on our consolidated financial statements

Recently Issued Accounting Pronouncements Not Yet Adopted

We are currently evaluating the impact of the following Accounting Standards Update ("ASU") on our Condensed Consolidated Financial Statements or Notes to Condensed Consolidated Financial Statements:

Standard	Description	Effective Date	Effect on the financial statements or other significant matters
ASU 2023-01 Leases (Topic 842): Common Control Arrangements	This pronouncement amends Topic 842 to require all entities to amortize leasehold improvements associated with common control leases over the useful life to the common control group.	Annual periods beginning after December 15, 2023, including interim periods therein. Early adoption is permitted.	The Company will adopt and apply the guidance as prescribed by this ASU to future common control arrangements that occur after the effective date. This will not materially affect our consolidated financial statements.

NOTE 3 - REVENUE RECOGNITION

We disaggregate our revenue from contracts with customers for our Installation segment by end market and product, as we believe it best depicts how the nature, amount, timing and uncertainty of our revenue and cash flows are affected by economic factors. Revenues for the Other category are presented net of intercompany sales in the tables below. The following tables present our net revenues disaggregated by end market and product (in thousands):

	Three	months end	led S	eptember 30,		Nine			
	2023			2022		2023		2022	
Installation:									
Residential new construction	\$ 518,080	73 %	\$	532,299	74 % \$	1,488,875	72 %	\$ 1,480,214	75 %
Repair and remodel	37,839	6 %		39,139	6 %	114,452	6 %	109,745	5 %
Commercial	105,272	15 %		101,478	14 %	332,472	16 %	282,585	14 %
Net revenue, Installation	\$ 661,191	94 %	\$	672,916	94 % \$	1,935,799	94 %	\$ 1,872,544	94 %
Other	45,274	6 %		46,198	6 %	122,075	6 %	110,811	6 %
Net revenue, as reported	\$ 706,465	100 %	\$	719,114	100 % \$	2,057,874	100 %	\$ 1,983,355	100 %

	Three	e months end	led	September 30	,	Nine months ended September 30,							
	 2023 2022					2023			2022				
Installation:													
Insulation	\$ 424,166	60 %	\$	429,091	60 %	\$ 1,235,056	60 %	\$	1,203,635	61 %			
Shower doors, shelving and mirrors	48,223	7 %		46,735	7 %	141,576	7 %		124,339	6 %			
Garage doors	40,597	6 %		45,224	6 %	124,771	6 %		123,715	6 %			
Waterproofing	36,186	5 %		31,088	4 %	99,113	5 %		95,306	5 %			
Rain gutters	31,227	4 %		31,065	4 %	88,593	4 %		83,334	4 %			
Fireproofing/firestopping	18,889	3 %		17,159	3 %	53,929	3 %		49,247	3 %			
Window blinds	16,147	2 %		16,585	2 %	48,347	2 %		45,058	2 %			
Other building products	45,756	7 %		55,969	8 %	144,414	7 %		147,910	7 %			
Net revenue, Installation	\$ 661,191	94 %	\$	672,916	94 %	\$ 1,935,799	94 %	\$	1,872,544	94 %			
Other	45,274	6 %		46,198	6 %	122,075	6 %		110,811	6 %			
Net revenue, as reported	\$ 706,465	100 %	\$	719,114	100 %	\$ 2,057,874	100 %	\$	1,983,355	100 %			

Contract Assets and Liabilities

Our contract assets consist of unbilled amounts typically resulting from sales under contracts when the cost-to-cost method of revenue recognition is utilized and revenue recognized, based on costs incurred, exceeds the amount billed to the customer. Our contract assets are recorded in other current assets in our Condensed Consolidated Balance Sheets. Our contract liabilities consist of customer deposits and billings in excess of revenue recognized, based on costs incurred and are included in other current liabilities in our Condensed Consolidated Balance Sheets.

Contract assets and liabilities related to our uncompleted contracts and customer deposits were as follows (in thousands):

	September 30, 2023	December 31, 2022	
Contract assets	\$ 34,069	\$ 29,431	L
Contract liabilities	(17,247)	(18,884	1)

Uncompleted contracts were as follows (in thousands):

	Septemb	oer 30, 2023	Decer	nber 31, 2022
Costs incurred on uncompleted contracts	\$	245,069	\$	273,788
Estimated earnings		111,047		114,781
Total		356,116		388,569
Less: Billings to date		330,417		368,009
Net under billings	\$	25,699	\$	20,560

Net under billings were as follows (in thousands):

	Sep	September 30, 2023		December 31, 2022
Costs and estimated earnings in excess of billings on uncompleted contracts (contract assets)	\$	34,069	\$	29,431
Billings in excess of costs and estimated earnings on uncompleted contracts (contract liabilities)		(8,370)		(8,871)
Net under billings	\$	25,699	\$	20,560

The difference between contract assets and contract liabilities as of September 30, 2023 compared to December 31, 2022 is primarily the result of timing differences between our performance of obligations under contracts and customer payments and billings. During the three and nine months ended September 30, 2023, we recognized \$0.4 million and \$17.8 million of revenue that was included in the contract liability balance at December 31, 2022. We did not recognize any impairment losses on our receivables and contract assets during the three and nine months ended September 30, 2023 or 2022.

Remaining performance obligations represent the transaction price of contracts for which work has not been performed and excludes unexercised contract options and potential modifications. As of September 30, 2023, the aggregate amount of the transaction price allocated to remaining uncompleted contracts was \$124.0 million. We expect to satisfy remaining performance obligations and recognize revenue on substantially all of these uncompleted contracts over the next 18 months.

NOTE 4 - CREDIT LOSSES

Our expected loss allowance methodology for accounts receivable is developed using historical experience, present economic conditions and other factors management considers relevant to estimate expected credit losses. We also perform ongoing evaluations of creditworthiness of our existing and potential customers.

Changes in our allowance for credit losses were as follows (in thousands):

Balance as of January 1, 2023	\$ 9,549
Current period provision	4,380
Recoveries collected and additions	234
Amounts written off	 (3,244)
Balance as of September 30, 2023	\$ 10,919

NOTE 5 - CASH AND CASH EQUIVALENTS

Cash and cash equivalents include highly liquid instruments with insignificant interest rate risk and original or remaining maturities of three months or less at the time of purchase. These instruments amounted to approximately \$307.4 million and \$191.9 million as of September 30, 2023 and December 31, 2022, respectively. See Note 9, Fair Value Measurements, for additional information.

NOTE 6 - GOODWILL AND INTANGIBLES

Goodwill

The change in carrying amount of goodwill by reporting segment was as follows (in thousands):

	Installation	Other	Consolidated	
Goodwill (gross) - January 1, 2023	\$ 355,226	\$	88,333	\$ 443,559
Business combinations	15,860			15,860
Other	525		5,273	5,798
Goodwill (gross) - September 30, 2023	371,611		93,606	465,217
Accumulated impairment losses	(70,004)		_	(70,004)
Goodwill (net) - September 30, 2023	\$ 301,607	\$	93,606	\$ 395,213

Other changes presented in the above table primarily include one immaterial acquisition and adjustments for the allocation of certain acquisitions still under measurement made during the nine months ended September 30, 2023, including measurement period adjustments primarily associated with a tax election that resulted in a \$4.4 million change in purchase price for a 2022 acquisition. For additional information regarding changes to goodwill resulting from acquisitions, see Note 17, Business Combinations.

We test goodwill for impairment annually during the fourth quarter of our fiscal year or earlier if there is an impairment indicator. Accumulated impairment losses included within the above table were incurred over multiple periods and were all associated with the Installation segment, with the latest impairment charge being recorded during the year ended December 31, 2010.

Intangibles, net

The following table provides the gross carrying amount, accumulated amortization and net book value for each major class of intangibles (in thousands):

		As	of September 30	,			81,		
			2023				2022		
	Gross Carrying Amount		Accumulated Amortization		Net Book Value	Gross Carrying Amount	Accumulated Amortization		Net Book Value
Amortized intangibles:			_				_		
Customer relationships	\$ 351,806	\$	170,134	\$	181,672	\$ 338,050	\$ 145,722	\$	192,328
Covenants not-to-compete	31,439		22,852		8,587	30,899	20,086		10,813
Trademarks and tradenames	126,054		45,411		80,643	119,612	39,638		79,974
Backlog	21,635		21,228		407	20,815	20,457		358
	\$ 530,934	\$	259,625	\$	271,309	\$ 509,376	\$ 225,903	\$	283,473

The gross carrying amount of intangibles increased approximately \$21.6 million during the nine months ended September 30, 2023 primarily due to business combinations. For more information, see Note 17, Business Combinations.

Remaining estimated aggregate annual amortization expense is as follows (amounts, in thousands, are for the fiscal year ended):

Remainder of 2023	\$ 10,717
2024	40,186
2025	34,645
2026	30,693
2027	26,408
Thereafter	128,660

NOTE 7 - LONG-TERM DEBT

Long-term debt consisted of the following (in thousands):

	As of September 30,			As of December 31,
		2023		2022
Senior notes due 2028, net of unamortized debt issuance costs of \$2,588 and \$3,036, respectively	\$	297,412	\$	296,964
Term loan, net of unamortized debt issuance costs of \$4,543 and \$5,767, respectively		486,726		489,233
Vehicle and equipment notes, maturing through September 2028; payable in various monthly installments, including interest rates ranging from 1.9% to 7.0%		79,941		72,984
Note payable, maturing April 2025; payable in annual installments, including interest rate at 5.0%		1,182		1,973
		865,261		861,154
Less: current maturities		(31,803)		(30,983)
Long-term debt, less current maturities	\$	833,458	\$	830,171

Remaining required repayments of debt principal, gross of unamortized debt issuance costs, as of September 30, 2023 are as follows (in thousands):

Remainder of 2023	\$ 8,193
2024	30,455
2025	24,917
2026	20,260
2027	15,318
Thereafter	773,249

Term Loan Benchmark Replacement

In April 2023, we notified the lenders on our \$500.0 million, seven-year term loan facility due December 2028 (the "Term Loan") under our credit agreement (the "Term Loan Agreement") that we have elected to trigger a benchmark replacement from LIBOR to the Secured Overnight Financing Rate ("Term SOFR"). The Term Loan was subsequently amended on April 28, 2023 (the "First Amendment") to implement Term SOFR as the benchmark rate and includes a credit spread adjustment of 0.11%, 0.26% and 0.43% for interest periods of one month, three months and six months, respectively, and it is subject to the same floor as currently set forth in the Term Loan Agreement.

Term Loan Agreement Amendment

In August 2023, we amended our Term Loan ("the Second Amendment"). The amended Term Loan effects a repricing of the interest rate applicable to the existing term loans thereunder from Term SOFR plus 2.25% to Term SOFR plus 2.00%. The Second Amendment also establishes an alternate base rate equal to the highest of (i) the federal funds rate plus 1/2 of 1.00%, (ii) the prime rate and (iii) the Term SOFR rate for an interest period of one month plus 1.00%. The Second Amendment also states that there will be a six-month protection provision during which a 1.00% premium would be charged in connection with certain repricing transactions. As of September 30, 2023, we had \$486.7 million, net of unamortized debt issuance costs, due on our Term Loan.

NOTE 8 - LEASES

We lease various assets in the ordinary course of business as follows: warehouses to store our materials and perform staging activities for certain products we install, various office spaces for selling and administrative activities to support our business, and certain vehicles and equipment to facilitate our operations, including, but not limited to, trucks, forklifts and office equipment.

The table below presents the lease-related assets and liabilities recorded on the Condensed Consolidated Balance Sheets:

		As o	f September 30,	As of December 31,		
(in thousands)	Classification		2023		2022	
Assets						
Non-Current						
Operating	Operating lease right-of-use assets	\$	77,808	\$	76,174	
Finance	Property and equipment, net		9,532		8,928	
Total lease assets		\$	87,340	\$	85,102	
Liabilities						
Current						
Operating	Current maturities of operating lease obligations	\$	27,769	\$	26,145	
Financing	Current maturities of finance lease obligations		2,694		2,508	
Non-Current						
Operating	Operating lease obligations		50,085		49,789	
Financing	Finance lease obligations		6,909		6,397	
Total lease liabilities		\$	87,457	\$	84,839	
Weighted-average remaining lease	e term:	-				
Operating leases			3.7 years	S	4.0 years	
Finance leases			3.7 years	6	3.6 years	
Weighted-average discount rate:						
Operating leases			5.13 %)	4.41 %	
Finance leases			6.95 %))	5.76 %	

Lease Costs

The table below presents certain information related to the lease costs for finance and operating leases:

		Thre	Three months ended September 30,			N	ine months end	ded September 30,		
(in thousands)	Classification		2023		2022		2023		2022	
Operating lease cost ⁽¹⁾	Administrative	\$	9,676	\$	8,355	\$	28,266	\$	24,293	
Finance lease cost:										
Amortization of leased assets(2)	Cost of sales		976		817		2,848		2,388	
Interest on finance lease obligations	Interest expense, net		161		87		438		216	
Total lease costs		\$	10,813	\$	9,259	\$	31,552	\$	26,897	

- (1) Includes variable lease costs of \$1.2 million and \$0.9 million for the three months ended September 30, 2023 and 2022, respectively, and \$3.5 million and \$2.6 million for the nine months ended September 30, 2023 and 2022, respectively, and short-term lease costs of \$0.3 million for each of the three months ended September 30, 2023 and 2022, and \$0.9 million for each of the nine months ended September 30, 2023 and 2022.
- (2) Includes variable lease costs of \$0.2 million for each of the three months ended September 30, 2023 and 2022, and \$0.6 million for each of the nine months ended September 30, 2023 and 2022.

Other Information

The table below presents supplemental cash flow information related to leases (in thousands):

	Three months ended September 30,				ľ	Nine months end	led September 30,	
	·	2023		2022		2023		2022
Cash paid for amounts included in the measurement of lease liabilities:								
Operating cash flows for operating leases	\$	7,896	\$	7,030	\$	23,452	\$	20,296
Operating cash flows for finance leases		161		87		438		216
Financing cash flows for finance leases		750		576		2,199		1,661

Undiscounted Cash Flows

The table below reconciles the undiscounted cash flows for each of the first five years and total of the remaining years for the finance lease obligations and operating lease obligations recorded on the Condensed Consolidated Balance Sheet as of September 30, 2023 (in thousands):

	Finance Leases							
				Related Party	Other		To	otal Operating
Remainder of 2023	\$	868	\$	327	\$	7,739	\$	8,066
2024		3,147		1,045		27,477		28,522
2025		2,789		894		19,742		20,636
2026		2,457		_		13,676		13,676
2027		1,486		_		7,376		7,376
Thereafter		219		_		6,958		6,958
Total minimum lease payments		10,966	\$	2,266	\$	82,968		85,234
Less: Amounts representing executory costs		(1)						_
Less: Amounts representing interest		(1,362)						(7,380)
Present value of future minimum lease payments		9,603						77,854
Less: Current obligation under leases		(2,694)						(27,769)
Long-term lease obligations	\$	6,909					\$	50,085

NOTE 9 - FAIR VALUE MEASUREMENTS

Assets and Liabilities Measured at Fair Value on a Recurring Basis

In many cases, a valuation technique used to measure fair value includes inputs from multiple levels of the fair value hierarchy. The lowest level of significant input determines the placement of the entire fair value measurement in the hierarchy. During the periods presented, there were no transfers between fair value hierarchical levels.

Assets Measured at Fair Value on a Nonrecurring Basis

Certain assets, specifically other intangible and long-lived assets, are measured at fair value on a nonrecurring basis in periods subsequent to initial recognition. Assets measured at fair value on a nonrecurring basis as of September 30, 2023 and December 31, 2022 are categorized based on the lowest level of significant input to the valuation. The assets are measured at fair value when our impairment assessment indicates a carrying value for each of the assets in excess of the asset's estimated fair value. Undiscounted cash flows, a Level 3 input, are utilized in determining estimated fair values. During each of the three and nine months ended September 30, 2023 and 2022, we did not record any impairments on these assets required to be measured at fair value on a nonrecurring basis.

Estimated Fair Value of Financial Instruments

Accounts receivable, accounts payable and accrued liabilities as of September 30, 2023 and December 31, 2022 approximate fair value due to the short-term maturities of these financial instruments. The carrying amounts of certain long-term debt, including the Term Loan and ABL Revolver as of September 30, 2023 and December 31, 2022, approximate fair value due to the variable rate nature of the agreements. The carrying amounts of our operating lease right-of-use assets and the obligations associated with our operating and finance leases as well as our vehicle and equipment notes approximate fair value as of September 30, 2023 and December 31, 2022. All debt classifications represent Level 2 fair value measurements. Derivative financial instruments are measured at fair value based on observable market information and appropriate valuation methods.

Contingent consideration liabilities arise from future earnout payments to the sellers associated with certain acquisitions and are based on predetermined calculations of certain future results. These future payments are estimated by considering various factors, including business risk and projections. The contingent consideration liabilities are measured at fair value by discounting estimated future payments, calculated based on a weighted average of various future forecast scenarios, to their net present value.

The fair values of financial assets and liabilities that are recorded at fair value in the Condensed Consolidated Balance Sheets and not described above were as follows (in thousands):

			s of Septen	r 30, 2023		As of December 31, 2022										
		Total		Level 1	Level 2		Level 3		Total		Level 1	Level 2		I	Level 3	
Financial assets:																
Cash equivalents	\$	307,420	\$	307,420	\$	_	\$	_	\$	191,881	\$	191,881	\$	_	\$	_
Derivative financial instruments		41,537		_		41,537		_		38,671		_		38,671		_
Total financial assets	\$	348,957	\$	307,420	\$	41,537	\$		\$	230,552	\$	191,881	\$	38,671	\$	
Financial liabilities:	_				_		_		_		_					
Contingent consideration	\$	992	\$	_	\$	_	\$	992	\$	1,858	\$	_	\$	_	\$	1,858

See Note 5, Cash and Cash Equivalents, for more information on cash equivalents included in the table above. Also see Note 11, Derivatives and Hedging Activities, for more information on derivative financial instruments.

The change in fair value of the contingent consideration (a Level 3 input) was as follows (in thousands):

Contingent consideration liability - January 1, 2023	\$ 1,858
Accretion in value	134
Amounts paid to sellers	(1,000)
Contingent consideration liability - September 30, 2023	\$ 992

The accretion in value of contingent consideration liabilities is included within administrative expenses on the Condensed Consolidated Statements of Operations and Comprehensive Income.

The carrying value and associated fair value of financial assets and liabilities that are not recorded at fair value in the Condensed Consolidated Balance Sheets and not described above include our Senior Notes. To estimate the fair value of our Senior Notes, we utilized third-party quotes which are derived all or in part from model prices, external sources or market prices. The Senior Notes represent a Level 2 fair value measurement and are as follows (in thousands):

	As of Sept	As of September 30, 2023				As of December 31, 2022			
	Carrying Value		Fair Value		Carrying Value	ue Fair Value			
Senior Notes ⁽¹⁾	\$ 300,000	\$	277,254	\$	300,000	\$	270,993		

(1) Excludes the impact of unamortized debt issuance costs.

See Note 7, Long-Term Debt, for more information on our Senior Notes.

NOTE 10 - INFORMATION ON SEGMENTS

Our segment structure includes three operating segments consisting of Installation, Distribution and Manufacturing. Our Installation operating segment represents the majority of our net revenue and gross profit and forms our one reportable segment. This operating segment represents the service-based installation of insulation and complementary building products in the residential new construction, repair and remodel and commercial construction end markets from our national network of branch locations. These branch locations have similar economic and operating characteristics including the nature of products and services offered, operating procedures and risks, customer bases, employee incentives, material procurement and shared corporate resources and therefore combine to form one operating segment.

The Other category reported below reflects the operations of our two remaining operating segments, Distribution and Manufacturing, which do not meet the quantitative thresholds for separate reporting. Our Distribution operating segment includes our businesses that sell insulation, gutters and accessories primarily to installers of these products who operate in multiple end markets. Our Manufacturing operating segment consists of our cellulose insulation manufacturing operation. In addition to sales of cellulose insulation, revenues from this operating segment consist of sales of asphalt and industrial fibers to distributors and installers of these products.

The Installation reportable segment includes substantially all of our net revenue from services while net revenue included in the Other category includes substantially all of our net revenue from sales of products. The intercompany sales from the Other category to the Installation reportable segment include a profit margin while our Installation segment records these transactions at cost.

The key metrics used to assess the performance of our operating segments are revenue and segment gross profit as these are the metrics used by our Chief Executive Officer, who is also our Chief Operating Decision Maker ("CODM"), to review results, assess performance and allocate resources. We define segment gross profit as revenue less cost of sales, excluding depreciation and amortization. We do not report total assets, depreciation and amortization expenses included in reported cost of sales, operating expenses or other expense, net by segment because our CODM does not use this information to assess segment performance or allocate resources. The following tables represent our segment information for the three and nine months ended September 30, 2023 and 2022 (in thousands):

		Three months ended September 30, 2023							Nine months ended September 30, 2023								
	I	nstallation		Other]	Eliminations		Consolidated		Installation		Other		Eliminations	(Consolidated	
Revenue	\$	661,191	\$	47,435	\$	(2,161)	\$	\$ 706,465 \$		1,935,799	\$	128,440	\$	(6,365)	\$	2,057,874	
Cost of sales (1)		419,479		33,942		(1,591)		451,830		1,248,524		92,771		(4,940)		1,336,355	
Segment gross profit	\$	241,712	\$	13,493	\$	(570)	\$	254,635	\$	687,275	\$	35,669	\$	(1,425)	\$	721,519	
Segment gross profit percentage		36.6 %		28.4 %		26.4 %		36.0 %		35.5 %		27.8 %		22.4 %		35.1 %	
		,	Thre	e months end	led S	eptember 30, 20	22		Nine months ended September 30, 2022								
	Iı	nstallation		Other	I	Eliminations	(Consolidated		Installation Other				Eliminations	Consolidated		
Revenue	\$	672,916	\$	47,748	\$	(1,550)	\$	719,114	\$	1,872,544	\$	114,690	\$	(3,879)	\$	1,983,355	
Cost of sales (1)		450,017		37,659		(1,116)		486,560		1,255,521		87,425		(3,015)		1,339,931	
Segment gross profit	\$	222,899	\$	10,089	\$	(434)	\$	232,554	\$	617,023	\$	27,265	\$	(864)	\$	643,424	
Segment gross profit																	

(1) Cost of sales included in segment gross profit is exclusive of depreciation and amortization for the three and nine months ended September 30, 2023 and 2022.

The reconciliation between consolidated segment gross profit for each period as shown in the tables above to consolidated income before income taxes is as follows (in thousands):

	Three months ended September 30,					Nine months end	led S	September 30,
		2023		2022		2023		2022
Segment gross profit - consolidated	\$	254,635	\$	232,554	\$	721,519	\$	643,424
Depreciation and amortization (1)		12,541		11,277		36,528		33,035
Gross profit, as reported		242,094		221,277		684,991		610,389
Operating expenses		139,786		127,366		413,474		367,461
Operating income		102,308		93,911		271,517		242,928
Other expense, net		9,513		10,853		28,672		32,367
Income before income taxes	\$	92,795	\$	83,058	\$	242,845	\$	210,561

(1) Depreciation and amortization is excluded from segment gross profit for the three and nine months ended September 30, 2023 and 2022.

NOTE 11 - DERIVATIVES AND HEDGING ACTIVITIES

Cash Flow Hedges of Interest Rate Risk

Our purpose for using interest rate derivatives is to add stability to interest expense and to manage our exposure to interest rate movements. During the nine months ended September 30, 2023, we used interest rate swaps to hedge the variable cash flows associated with existing variable-rate debt. Interest rate swaps designated as cash flow hedges involve the receipt of variable amounts from a counterparty in exchange for making fixed-rate payments over the life of the agreements without exchange of the underlying notional amount. We do not use derivatives for trading or speculative purposes and we currently do not have any derivatives that are not designated as hedges. As of September 30, 2023, we have not posted any collateral related to these agreements.

In April 2023, we amended the reference rates on our active and forward interest swaps from 1-month LIBOR to 1-month SOFR. We continue to account for these agreements as cash flow hedges under the expedients allowed in ASC Topic 848 for this type of amendment.

As of September 30, 2023, we had the following interest rate swap derivatives:

Effective Date	Notional Amount	Fixed Rate	Maturity Date
	(in millions)		
April 28, 2023	\$ 200.0	0.46 %	December 31, 2025
April 28, 2023	100.0	1.32 %	December 31, 2025
April 28, 2023	100.0	1.32 %	December 31, 2025
December 31, 2025	300.0	3.06 %	December 14, 2028
December 31, 2025	100.0	2.93 %	December 14, 2028

As of December 31, 2022, we had the following interest rate swap derivatives:

Effective Date	Notional Amount	Fixed Rate	Maturity Date
	(in millions)		
July 30, 2021	\$ 200.0	0.51 %	December 31, 2025
December 31, 2021	100.0	1.37 %	December 31, 2025
December 31, 2021	100.0	1.37 %	December 31, 2025
December 31, 2025	300.0	3.09 %	December 14, 2028
December 31, 2025	100.0	2.98 %	December 14, 2028

As of September 30, 2023, our two forward interest rate swaps, combined with our three active swaps, serve to hedge \$400.0 million of the variable cash flows on our variable rate Term Loan through maturity. The assets associated with these interest rate swaps are included in other current assets and other non-current assets on the Consolidated Balance Sheets at their fair value amounts as described in Note 9. Fair Value Measurements.

In July 2022, we amended the maturity date of each of our three active interest rate swaps to December 31, 2025 with the other terms remaining unchanged. The remaining unrealized gains will be amortized as a decrease to interest expense, net through the original maturity dates of April 15, 2030 and December 15, 2028. For the three and nine months ended September 30, 2023, we amortized \$1.8 million and \$5.3 million, respectively, of the remaining unrealized gains as a decrease to interest expense, net. For the three and nine months ended September 30, 2022, we amortized \$1.6 million of the unrealized gains to interest expense, net.

The amended swaps included off-market terms at inception. This other-than-insignificant financing element will be amortized as an increase to interest expense, net through the December 31, 2025 maturity date of the amended swaps. For the three and nine months ended September 30, 2023, we amortized \$1.8 million and \$5.5 million, respectively, of the financing element as an increase to interest expense, net. For the three and nine months ended September 30, 2022, we amortized \$1.7 million of the financing element to interest expense, net. Cash settlements are recognized through cash flows from investing activities in the Condensed Consolidated Statements of Cash Flows due to the other-than-insignificant financing element.

In August 2020, we terminated two then-existing interest rate swaps and one then-existing forward interest rate swap. During the three months ended September 30, 2023 and 2022 we amortized \$1.0 million and \$1.1 million, respectively, and during the nine months ended September 30, 2023 and 2022 we amortized \$3.1 million and \$2.8 million, respectively, of the remaining unrealized loss associated with the terminated swaps as an increase to interest expense, net.

The changes in the fair value of derivatives designated, and that qualify, as cash flow hedges are recorded in other comprehensive income, net of tax on the Condensed Consolidated Statements of Operations and Comprehensive Income and in accumulated other comprehensive income on the Condensed Consolidated Balance Sheets and subsequently reclassified into earnings in the period that the hedged forecasted transaction affects earnings. We had no such changes during the nine months ended September 30, 2023 and 2022.

Amounts reported in accumulated other comprehensive income related to derivatives will be reclassified to interest expense, net as interest payments are made on our variable-rate debt, and as our terminated and amended swaps are amortized. Over the next twelve months, we estimate that an additional \$12.9 million will be reclassified as a decrease to interest expense, net.

The following table summarizes amounts recorded to interest expense, net included in the Condensed Consolidated Statements of Operations and Comprehensive Income related to our interest rate swaps (in thousands):

	 Three months ende	ed September 30,	Nine months ended September 30,				
	2023	2022	2023			2022	
(Benefit) associated with swap net settlements	\$ (4,457)	\$ (1,303)	\$	(12,187)	\$	(344)	
Expense associated with amortization of amended/terminated swaps	1,124	1,127		3,342		2,796	

NOTE 12 - STOCKHOLDERS' EQUITY

Accumulated other comprehensive income

The change in accumulated other comprehensive income related to our interest rate derivatives, net of taxes, was as follows (in thousands):

		Three months end	led S	September 30,	 Nine months end	ed S	eptember 30,
		2023		2022	2023		2022
Accumulated gain (loss) at beginning of period	\$	39,653	\$	28,034	\$ 40,560	\$	(227)
Unrealized gains in fair value		4,651		13,547	2,102		40,577
Reclassifications of realized net losses to earnings		831		832	2,473		2,063
Accumulated gain at end of period		45,135	\$	42,413	\$ 45,135	\$	42,413

The reclassifications of realized net losses to earnings in the above table are recorded within interest expense, net.

Share repurchases

We did not repurchase any common stock during the three and nine months ended September 30, 2023. During the three months ended September 30, 2022, we repurchased approximately 142 thousand shares of our common stock with an aggregate price of approximately \$12.5 million, or \$88.27 average price per share. Repurchases during the nine months ended September 30, 2022 amounted to approximately 1.2 million shares of our common stock with an aggregate price of approximately \$112.2 million, or \$92.98 average price per share. The effect of these treasury shares in reducing the number of common shares outstanding is reflected in our earnings per share calculation.

On February 22, 2023, we announced that our board of directors authorized a new stock repurchase program that allows for the repurchase of up to \$200.0 million of our outstanding common stock. The new program replaces the previous program and is in effect through March 1, 2024.

Dividends

During the nine months ended September 30, 2023, we declared and paid the following cash dividends (amount declared and amount paid in thousands):

	Declaration Date	Record Date	Payment Date	Dividend Per Share	Amount Declared	Amount Paid
Ī	2/22/2023	3/15/2023	3/31/2023	\$ 0.90	\$ 25,537	\$ 25,270
	2/22/2023	3/15/2023	3/31/2023	0.33	9,364	9,266
	5/5/2023	6/15/2023	6/30/2023	0.33	9,375	9,307
	8/2/2023	9/15/2023	9/30/2023	0.33	9,375	9,307

During the nine months ended September 30, 2022, we declared and paid the following cash dividends (amount declared and amount paid in thousands):

Declaration Date	Record Date	Payment Date	Divi	dend Per Share	Amount Declared	Amount Paid
2/24/2022	3/15/2022	3/31/2022	\$	0.90	\$ 26,585	\$ 26,242
2/24/2022	3/15/2022	3/31/2022		0.315	9,305	9,184
5/5/2022	6/15/2022	6/30/2022		0.315	9,054	8,982
8/4/2022	9/15/2022	9/30/2022		0.315	9,018	8,945

The amount of dividends declared may vary from the amount of dividends paid in a period due to the vesting of restricted stock awards and performance share awards, which accrue dividend equivalent rights that are paid when the award vests. During the nine months ended September 30, 2023 and 2022, we also paid \$0.6 million and \$0.5 million, respectively, in accrued dividends not included in the table above related to the vesting of these awards. The payment of future dividends will be at the

discretion of our board of directors and will depend on our future earnings, capital requirements, financial condition, future prospects, results of operations, contractual restrictions, legal requirements, and other factors deemed relevant by our board of directors.

NOTE 13 - EMPLOYEE BENEFITS

Healthcare

We participate in multiple healthcare plans, the largest of which is partially self-funded with an insurance company paying benefits in excess of stop loss limits per individual/family. Our healthcare benefit expense (net of employee contributions) was \$8.9 million and \$6.9 million for the three months ended September 30, 2023 and 2022, respectively and \$25.0 million and \$23.0 million for the nine months ended September 30, 2023 and 2022, respectively. An accrual for estimated healthcare claims incurred but not reported ("IBNR") is included within accrued compensation on the Condensed Consolidated Balance Sheets and was \$4.3 million and \$3.8 million as of September 30, 2023 and December 31, 2022, respectively.

Workers' Compensation

Workers' compensation expense totaled \$5.1 million and \$5.9 million for the three months ended September 30, 2023 and 2022, respectively and \$15.6 million and \$14.5 million for the nine months ended September 30, 2023 and 2022, respectively.

Workers' compensation known claims and IBNR reserves included on the Condensed Consolidated Balance Sheets were as follows (in thousands):

September 30, 2023		December 31, 2022
\$ 8,760	\$	9,946
17,404		13,730
\$ 26,164	\$	23,676
_	\$ 8,760 17,404	\$ 8,760 \$ 17,404

We also had an insurance receivable for claims that exceeded the stop loss limit under our self-insured policies as well as claims under our fully insured policies included on the Condensed Consolidated Balance Sheets. This receivable offsets an equal liability included within the reserve amounts noted above and was as follows (in thousands):

	S	eptember 30, 2023]	December 31, 2022
Included in other non-current assets	\$	2,906	\$	2,318

Retirement Plans

We participate in multiple 401(k) plans, whereby we provide a matching contribution of wages deferred by employees and can also make discretionary contributions to each plan. Certain plans allow for discretionary employer contributions only. These plans cover substantially all our eligible employees. We recognized 401(k) plan expenses of \$0.6 million during each of the three months ended September 30, 2023 and 2022, respectively and \$2.4 million and \$2.2 million for the nine months ended September 30, 2023 and 2022, respectively. These expenses are included in administrative expenses on the accompanying Condensed Consolidated Statements of Operations and Comprehensive Income.

Multiemployer Pension Plans

We participate in various multiemployer pension plans under collective bargaining agreements in Washington, Oregon, California and Illinois with other companies in the construction industry. These plans cover our union-represented employees and contributions to these plans are expensed as incurred. These plans generally provide for retirement, death and/or termination benefits for eligible employees within the applicable collective bargaining units, based on specific eligibility/participation requirements, vesting periods and benefit formulas. We do not participate in any multiemployer pension plans that are considered to be individually significant.

Share-Based Compensation

Common Stock Awards

We periodically grant shares of our common stock to non-employee members of our board of directors and our employees. We granted approximately one thousand shares of our common stock during the three months ended September 30, 2022, and seven thousand and six thousand shares during the nine months ended September 30, 2023 and 2022, respectively, under our 2014 Omnibus Incentive Plan to non-employee members of our board of directors.

In addition, we granted approximately 62 thousand and 63 thousand shares of our common stock to employees during the nine months ended September 30, 2023 and 2022, respectively.

Employees - Performance-Based Stock Awards

During the nine months ended September 30, 2023, we issued approximately 61 thousand shares of our common stock to certain officers, which vest in two equal installments on each of April 20, 2024 and April 20, 2025. In addition, during the nine months ended September 30, 2023, we established, and our board of directors approved, performance-based targets in connection with common stock awards to be issued to certain officers in 2024 contingent upon achievement of these targets.

In addition, there are long-term performance-based restricted stock awards to be issued to certain employees annually through the 2024 performance period contingent upon achievement of certain performance targets. These awards are accounted for as liability-based awards since they represent a predominantly-fixed monetary amount that will be settled with a variable number of common shares annually. These awards will vest in the second quarter of 2025 and are included in other long-term liabilities on the Condensed Consolidated Balance Sheets. During the nine months ended September 30, 2023 and 2022, we granted approximately eight thousand and 39 thousand shares of our common stock, respectively. The shares granted in 2022 were under a previous performance-based plan and vested in the second quarter of 2022.

Employees - Performance-Based Restricted Stock Units

During 2022, we established, and our board of directors approved, performance-based restricted stock units in connection with common stock awards which were issued to certain employees in 2023 based upon achievement of a performance target. In addition, during the nine months ended September 30, 2023, we established, and our board of directors approved, performance-based restricted stock units in connection with common stock awards to be issued to certain employees in 2024 based upon achievement of a performance target. These units will be accounted for as equity-based awards that will be settled with a fixed number of common shares.

Share-Based Compensation Summary

Amounts and changes for each category of equity-based award were as follows:

	Common S	tock	Awards	Perfor Based Sto		Perfor Based Restrict		
	Awards	Av	Weighted verage Grant Date Fair Value Per Share	Awards	Weighted werage Grant ate Fair Value Per Share	Units	A	Weighted verage Grant Date Fair Value Per Share
Nonvested awards/units at December 31, 2022	157,117	\$	77.31	126,053	\$ 103.37	15,711	\$	80.55
Granted	75,928		111.03	69,281	109.09	14,730		111.84
Vested	(108,110)		71.28	(50,994)	95.78	(15,518)		80.76
Forfeited/Cancelled	(1,722)		98.85	_	_	(495)		96.61
Nonvested awards/units at September 30, 2023	123,213	\$	103.08	144,340	\$ 108.80	14,428	\$	111.71

The following table summarizes the share-based compensation expense recognized by award type (in thousands):

	Thr	ee months end	ded S	September 30,	N	line months end	ed Se	ptember 30,
		2023		2022		2023		2022
Common Stock Awards	\$	1,355	\$	1,420	\$	4,259	\$	4,718
Non-Employee Common Stock Awards		177		147		485		396
Performance-Based Stock Awards		1,496		1,237		4,638		3,863
Liability Performance-Based Stock Awards		94		84		184		418
Performance-Based Restricted Stock Units		394		324		1,071		895
	\$	3,516	\$	3,212	\$	10,637	\$	10,290

We recorded the following stock compensation expense by income statement category (in thousands):

	Th	ree months end	ded S	September 30,	N	line months end	eptember 30,	
		2023		2022		2023		2022
Cost of sales	\$	253	\$	165	\$	658	\$	484
Selling		91		126		316		329
Administrative		3,172		2,921		9,663		9,477
	\$	3,516	\$	3,212	\$	10,637	\$	10,290

Administrative stock compensation expense includes all stock compensation earned by our administrative personnel, while cost of sales and selling stock compensation represents all stock compensation earned by our installation and sales employees, respectively.

Unrecognized share-based compensation expense related to unvested awards was as follows (in thousands):

	 As of Septe	ember 30, 2023
	Unrecognized Compensation Expense on Unvested Awards	Weighted Average Remaining Vesting Period
Common Stock Awards	\$ 9,593	2.0 years
Performance-Based Stock Awards	8,037	1.7 years
Performance-Based Restricted Stock Units	845	0.6 years
Total unrecognized compensation expense related to unvested awards	\$ 18,475	

Total unrecognized compensation expense is subject to future adjustments for forfeitures. This expense is expected to be recognized over the remaining weighted-average period shown above on a straight-line basis except for the Performance-Based Stock Awards which uses the graded-vesting method. Shares forfeited are returned as treasury shares and available for future issuances.

During the nine months ended September 30, 2023, our employees surrendered approximately 48 thousand shares of our common stock to satisfy tax withholding obligations arising in connection with the vesting of common stock awards issued under our 2014 Omnibus Incentive Plan.

In May 2023, our stockholders approved a new 2023 Omnibus Incentive Plan ("2023 Plan") which became effective on May 26, 2023. All future awards as of this date will be granted under the new plan, and awards granted previously under the 2014 Omnibus Incentive Plan ("2014 Plan") will not be modified or impacted by this adoption. As of September 30, 2023, approximately 1.9 million of the 2.1 million shares of common stock authorized for issuance were available for issuance under the 2023 Incentive Plan and 2014 Omnibus Incentive Plan. The remaining shares available for issuance under the 2014 Plan are subject to outstanding awards and will become available for issuance under the 2023 Plan if such outstanding awards under the 2014 Plan are forfeited.

NOTE 14 - INCOME TAXES

Our provision for income taxes as a percentage of pretax earnings is based on a current estimate of the annual effective income tax rate adjusted to reflect the impact of discrete items.

During the three and nine months ended September 30, 2023, our effective tax rate was 26.7% and 26.3%, respectively. During the three and nine months ended September 30, 2022, our effective tax rate was 26.6% and 26.5%, respectively. The rates for each of the nine months ended September 30, 2023 and 2022 were favorably impacted by recognition of a windfall tax benefit from equity vesting.

NOTE 15 - RELATED PARTY TRANSACTIONS

We sell installation services to other companies related to us through common or affiliated ownership and/or board of directors and/or management relationships. We also purchase services and materials and pay rent to companies with common or affiliated ownership.

We lease our headquarters and certain other facilities from related parties. See Note 8, Leases, for future minimum lease payments to be paid to these related parties.

The amount of sales to common or related parties as well as the purchases from and rent expense paid to common or related parties were as follows (in thousands):

	Th	ree months end	led Se	eptember 30,	Nine months end	led Se	eptember 30	,
	-	2023		2022	 2023		2022	
Sales	\$	6,129	\$	6,178	\$ 15,005	\$		7,539
Purchases		555		596	1,898			1,460
Rent		262		336	936			974

We had a related party balance of approximately \$3.2 million and \$3.3 million included in accounts receivable on our Condensed Consolidated Balance Sheets as of September 30, 2023 and December 31, 2022, respectively. These balances primarily represented trade accounts receivable arising during the normal course of business with various related parties. M/I Homes, Inc., a customer whose Chairman, Chief Executive Officer and President rejoined our board of directors in July of 2022, accounted for \$2.2 million and \$2.5 million of the related party accounts receivable balance as of September 30, 2023 and December 31, 2022, respectively. Additionally, M/I Homes, Inc. accounted for a significant portion of our related party sales during the nine months ended September 30, 2023.

NOTE 16 - COMMITMENTS AND CONTINGENCIES

Accrued General Liability and Auto Insurance

Accrued general liability and auto insurance reserves included on the Condensed Consolidated Balance Sheets were as follows (in thousands):

	September 30, 2023	December 31, 2022
Included in other current liabilities	\$ 7,782	\$ 7,479
Included in other long-term liabilities	18,147	17,528
	\$ 25,929	\$ 25,007

We also had insurance receivables and indemnification assets included on the Condensed Consolidated Balance Sheets that, in aggregate, offset equal liabilities included within the reserve amounts noted above. The amounts were as follows (in thousands):

	Septe	ember 30, 2023	December 31, 2022
Insurance receivables and indemnification assets for claims under fully insured policies	\$	1,606	\$ 4,933
Insurance receivables for claims that exceeded the stop loss limit		75	380
Total insurance receivables and indemnification assets included in other non-current assets	\$	1,681	\$ 5,313

Leases

See Note 8, Leases, for further information regarding our lease commitments.

Other Commitments and Contingencies

From time to time, various claims and litigation are asserted or commenced against us principally arising from contractual matters and personnel and employment disputes. In determining loss contingencies, management considers the likelihood of loss as well as the ability to reasonably estimate the amount of such loss or liability. An estimated loss is recorded when it is considered probable that such a liability has been incurred and when the amount of loss can be reasonably estimated. As litigation is subject to inherent uncertainties, we cannot be certain that we will prevail in these matters. However, we do not believe that the ultimate outcome of any pending matters will have a material adverse effect on our consolidated financial position, results of operations or cash flows.

During the nine months ended September 30, 2023, we entered into an supply agreement with variable pricing with one of our suppliers to purchase a portion of the materials we utilize in our business. This agreement is effective March 31, 2023 through March 31, 2026 with a purchase obligation of 12.0 million pounds for the period ending March 31, 2024, 14.4 million pounds for the period ending March 31, 2025 and 17.3 million pounds for the period ending March 31, 2026. During the nine months ended September 30, 2023, we purchased 5.3 million pounds of materials under this agreement.

NOTE 17 - BUSINESS COMBINATIONS

As part of our ongoing strategy to expand geographically and increase market share in certain markets, as well as diversify our products and end markets, we completed six business combinations and one insignificant tuck-in acquisition merged into an existing operation during the nine months ended September 30, 2023 and five business combinations during the nine months ended September 30, 2022. The largest of these acquisitions were Anchor Insulation Co., Inc. ("Anchor") in March 2023 and Central Aluminum Supply Corporation and Central Aluminum Supply of North Jersey, LLC ("CAS") in April 2022.

Below is a summary of each significant acquisition by year, including revenue and net income (loss) since date of acquisition shown for the year of acquisition. Net income (loss) includes amortization and taxes when appropriate.

For the three and nine months ended September 30, 2023 (in thousands):

									111	30, 2023		30				
2023 Acquisitions	Date	Acquisition Type	C	Cash Paid	(Seller Obligations	То	tal Purchase Price		Revenue]	Net Income		Revenue	N	Net Income
Anchor	3/12/2023	Share	\$	35,928	\$	2,756	\$	38,684	\$	9,288	\$	321	\$	20,805	\$	818
Other	Various	Asset		8,927		615		9,542		2,711		225		4,591		212
			\$	44,855	\$	3,371	\$	48,226	\$	11,999	\$	546	\$	25,396	\$	1,030

For the three and nine months ended September 30, 2022 (in thousands):

									Th	nree months e 30,		ed September 2	N	Nine months e 30,	
2022 Acquisitions	Date	Acquisition Type	C	ash Paid	C	Seller Obligations	То	otal Purchase Price		Revenue]	Net Income (Loss)		Revenue	Net Income (Loss)
CAS	4/11/2022	Share	\$	55,150	\$	27,335	\$	82,485	\$	13,404	\$	(1,048)	\$	26,128	\$ (805)
Other	Various	Share/Asset		20,959		2,607		23,566		6,945		204		12,249	418
			\$	76,109	\$	29,942	\$	106,051	\$	20,349	\$	(844)	\$	38,377	\$ (387)

Acquisition-related costs recorded within administrative expenses on the Condensed Consolidated Statements of Operations and Comprehensive Income amounted to \$0.2 million and \$(0.1) million for the three months ended September 30, 2023 and 2022, respectively, and \$1.3 million for both of the nine months ended September 30, 2023 and 2022.

The goodwill recognized in conjunction with these business combinations represents the excess cost of the acquired entity over the net amount assigned to assets acquired and liabilities assumed (including the identifiable intangible assets). The goodwill recognized for Anchor reflects the value of its location, revenue enhancements, assembled workforce and other synergies that are expected to be realized from the acquisition. We expect to deduct approximately \$15.3 million of goodwill for tax purposes as a result of 2023 acquisitions.

Purchase Price Allocations

The estimated fair values of the assets acquired and liabilities assumed for the acquisitions, as well as total purchase prices and cash paid, approximated the following (in thousands):

	Nine months ended September 30, 202										
		Anchor	Other	Total							
Estimated fair values:											
Cash	\$	10	\$ —	\$ 10							
Accounts receivable		5,000	473	5,473							
Inventories		1,613	490	2,103							
Other current assets		1,862	_	1,862							
Property and equipment		2,309	1,250	3,559							
Operating lease right-of-use asset		_	182	182							
Intangibles		16,420	5,114	21,534							
Goodwill		13,364	2,496	15,860							
Other non-current assets		184	50	234							
Accounts payable and other current liabilities		(2,078)	(398)	(2,476)							
Other long-term liabilities			(115)	(115)							
Fair value of assets acquired and purchase price		38,684	9,542	48,226							
Less seller obligations		2,756	615	3,371							
Cash paid	\$	35,928	\$ 8,927	\$ 44,855							

Nine months ended September 30, 2022 CAS Other Total Estimated fair values: Cash \$ 243 \$ 87 \$ 330 3,595 7,097 Accounts receivable 3,502 Inventories 13,443 1,729 15,172 Other current assets 53 23 76 Property and equipment 2,590 2,489 5,079 Operating lease right-of-use asset 844 66 910 Intangibles 34,900 9,500 44,400 Goodwill 32,867 6,330 39,197 Other non-current assets 56 56 Accounts payable and other current liabilities (5,388)(287)(5,675)Other long-term liabilities (569)(22)(591)Fair value of assets acquired and purchase price 23,566 82,485 106,051 Less seller obligations 27,335 2,607 29,942 Cash paid 55,150 20,959 76,109

Contingent consideration, non-compete agreements and/or amounts based on working capital calculations are included as "seller obligations" in the above table or within "fair value of assets acquired" if subsequently paid during the period presented. Contingent consideration payments consist primarily of earnouts based on performance that are recorded at fair value at the time of acquisition. When these payments are expected to be made over one year from the acquisition date, the contingent consideration is discounted to net present value of future payments based on a weighted average of various future forecast scenarios.

Further adjustments to the allocation for each acquisition still under its measurement period are expected as third-party or internal valuations are finalized, certain tax aspects of the transaction are completed and customary post-closing reviews are concluded during the measurement period attributable to each individual business combination. As a result, adjustments to the fair value of assets acquired, and in some cases total purchase price, have been made to certain business combinations since the date of acquisition and future adjustments may be made through the end of each measurement period. Any acquisition acquired after September 30, 2022 is deemed to be within the measurement period and its purchase price considered preliminary. During the nine months ended September 30, 2023, we increased the purchase price for CAS by \$4.4 million primarily due to measurement period adjustments associated with a tax election.

Goodwill and intangibles per the above table may not agree to the total gross increase of these assets as shown in Note 6, Goodwill and Intangibles, during each of the nine months ended September 30, 2023 and 2022 due to adjustments to goodwill for the allocation of certain acquisitions still under measurement as well as other immaterial intangible assets added during the ordinary course of business. All of the goodwill for CAS was assigned to our Distribution operating segment. All other acquisitions during the nine months ended September 30, 2023 and 2022 had their respective goodwill assigned to our Installation operating segment.

Estimates of acquired intangible assets related to the acquisitions are as follows (in thousands):

	For the nine months ended September 30,									
	 2023	3	2022							
Acquired intangibles assets	Estimated Fair Value	Weighted Average Estimated Useful Life (yrs.)		Estimated Fair Value	Weighted Average Estimated Useful Life (yrs.)					
Customer relationships	\$ 13,755	12	\$	29,606	12					
Trademarks and tradenames	6,442	15		13,228	15					
Non-competition agreements	517	5		1,566	5					
Backlog	820	1			0					

Pro Forma Information

The unaudited pro forma information for the combined results of the Company has been prepared as if the 2023 acquisitions had taken place on January 1, 2022 and the 2022 acquisitions had taken place on January 1, 2021. The unaudited pro forma information is not necessarily indicative of the results that we would have achieved had the transactions actually taken place on January 1, 2022 and 2021, respectively, and the unaudited pro forma information does not purport to be indicative of future financial operating results (in thousands, except per share data):

	Unaud	lited pro forma fo Septen		three months ended 30,	Unaudited pro forma for the nine months ended September 30,						
		2023	2022			2023	2022				
Net revenue	\$	707,482	\$	748,325	\$	2,073,593	\$	2,080,848			
Net income		68,098		63,169		179,759		159,782			
Basic net income per share		2.41		2.22		6.39		5.54			
Diluted net income per share		2.40		2.21		6.35		5.51			

Unaudited pro forma net income reflects additional intangible asset amortization expense of approximately \$37 thousand and \$1.1 million for the three months ended September 30, 2023 and 2022, respectively, and \$0.5 million and \$4.2 million for the nine months ended September 30, 2023 and 2022, respectively, as well as additional income tax expense of approximately \$35 thousand and \$0.7 million for the three months ended September 30, 2023 and 2022, respectively, and \$0.3 million and \$1.7 million for the nine months ended September 30, 2023 and 2022, respectively, that would have been recorded had the 2023 acquisitions taken place on January 1, 2022 and the 2022 acquisitions taken place on January 1, 2021.

NOTE 18 - INCOME PER COMMON SHARE

Basic net income per common share is calculated by dividing net income by the weighted average shares outstanding during the period, without consideration for common stock equivalents.

Diluted net income per common share is calculated by adjusting weighted average shares outstanding for the dilutive effect of common stock equivalents outstanding for the period, determined using the treasury stock method. Potential common stock is included in the diluted income per common share calculation when dilutive. The dilutive effect of outstanding restricted stock awards after application of the treasury stock method was approximately 114 thousand and 139 thousand shares for the three and nine months ended September 30, 2023, respectively, and 117 thousand and 169 thousand for the three and nine months ended September 30, 2022, respectively. Shares of potential common stock that were not included in the calculation of diluted net income per common share because the effect would have been anti-dilutive were not material for the three and nine months ended September 30, 2023 and 2022.

NOTE 19 - SUBSEQUENT EVENTS

We announced on November 8th, 2023 that our board of directors declared a quarterly dividend, payable on December 31, 2023 to stockholders of record on December 15, 2023, at a rate of 33.0 cents per share.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

This Management's Discussion and Analysis of Financial Condition and Results of Operations should be read in conjunction with our condensed consolidated financial statements and related notes in "Item 1. Financial Statements" of this Quarterly Report on Form 10-Q, as well as our 2022 Form 10-K.

OVERVIEW

We are one of the nation's largest insulation installers for the residential new construction market and are also a diversified installer of complementary building products throughout the United States, including waterproofing, fire-stopping and fireproofing, garage doors, rain gutters, window blinds, shower doors, closet shelving, mirrors and other products. We offer our portfolio of services for new and existing single-family and multi-family residential and commercial building projects in all 48 continental states and the District of Columbia from our national network of over 240 branch locations. During the three months ended September 30, 2023, 94% of our net revenue came from the service-based installation of these products across all of our end markets which forms our Installation operating segment and single reportable segment. In addition, two regional distribution operations serve the Midwest, Mountain West, Northeast and Mid-Atlantic regions of the United States, and we operate a cellulose manufacturing facility. We believe our business is well positioned to continue to profitably grow over the long-term due to our strong balance sheet, liquidity and our continuing acquisition strategy.

A large portion of our net revenue comes from the U.S. residential new construction market, which depends upon a number of economic factors, including demographic trends, interest rates, inflation, consumer confidence, employment rates, housing inventory levels and affordability, foreclosure rates, the health of the economy and availability of mortgage financing.

2023 Third Quarter Highlights

Net revenue decreased (1.8)%, or \$(12.6) million to \$706.5 million, while gross profit increased 9.4% to \$242.1 million during the three months ended September 30, 2023 compared to 2022. The decrease in net revenue was primarily due to the (4.7)% decline in single-family completions, which was partially offset by stronger multi-family and commercial sales and recent acquisitions. The increase in gross profit was primarily driven by strong multi-family same-branch sales growth, selling price and product mix improvements and improved material costs. The 3.5% increase in our price/mix metric for our Installation segment was primarily due to a higher mix of multi-family and commercial jobs. Gross profit margin grew faster than revenue as we continued to prioritize profitability over sales volume. Specifically, gross profit outpaced sales growth due to higher selling prices relative to material and labor costs compared to the prior year. Certain net revenue and industry metrics we use to monitor our operations are discussed in the "Key Measures of Performance" section below, and further details regarding results of our various end markets are discussed further in the "Net Revenue, Cost of Sales and Gross Profit" section below.

As of September 30, 2023, we had \$339.8 million of cash and cash equivalents and we have not drawn on our revolving line of credit. This strong liquidity position allowed us to return capital to shareholders by increasing our regular quarterly dividend 5% over the third quarter of 2022 to \$0.33 per share, or \$9.4 million in the aggregate, during the three months ended September 30, 2023.

In August 2023, we amended our Term Loan to reprice the applicable interest rate paid by 0.25% below our prior rate. We expect that this repricing will result in interest rate cost savings exceeding \$1.0 million annually through the 2028 maturity date. See Note 7, Long-Term Debt, for more information on our Term Loan amendment. Additionally, in August 2023 we published our annual Environment, Social and Governance report which highlights important milestones and our commitment to the environment, employees, communities and stakeholders.

Key Measures of Performance

We utilize certain net revenue and industry metrics to monitor our operations. Key metrics include total sales growth and same branch growth metrics for our consolidated results, our Installation reportable segment and our Other category consisting of our Distribution and Manufacturing operating segments. We also monitor sales growth for our Installation segment by end market and track volume growth and price/mix growth.

We believe the revenue growth measures are important indicators of how our business is performing, however, we may rely on different metrics in the future. We also utilize gross profit percentage as shown in the following section to monitor our most significant variable costs and to evaluate labor efficiency and success at passing increasing costs of materials to customers.

The following table shows key measures of performance we utilize to evaluate our results:

	Three months ended S	September 30,	Nine months ended September 30,				
	2023	2022	2023	2022			
Period-over-period Growth							
Consolidated Sales Growth	(1.8)%	41.1 %	3.8 %	38.2 %			
Consolidated Same Branch Sales Growth (1)	(5.2)%	28.5 %	(0.3)%	26.2 %			
<u>Installation</u>							
Sales Growth (2)	(1.7)%	33.5 %	3.4 %	31.9 %			
Same Branch Sales Growth (1)(2)	(5.4)%	28.4 %	(0.5)%	26.2 %			
Single-Family Sales Growth (3)	(8.7)%	39.2 %	(6.0)%	38.4 %			
Single-Family Same Branch Sales Growth (1)(3)	(12.2)%	35.3 %	(9.7)%	32.9 %			
Multi-Family Sales Growth (4)	30.9 %	33.9 %	36.4 %	29.7 %			
Multi-Family Same Branch Sales Growth (1)(4)	28.4 %	32.9 %	34.7 %	28.9 %			
Residential Sales Growth (5)	(2.7)%	38.4 %	0.6 %	37.0 %			
Residential Same Branch Sales Growth (1)(5)	(6.0)%	34.9 %	(2.8)%	32.3 %			
Commercial Sales Growth (6)	3.7 %	16.0 %	17.7 %	14.4 %			
Commercial Same Branch Sales Growth (1)(6)	(1.3)%	2.8 %	11.8 %	4.4 %			
<u>Other</u>							
Sales Growth (7)	(0.7)%	657.3 %	12.0 %	567.5 %			
Same Branch Sales Growth (1)(7)	(0.7)%	44.3 %	4.5 %	43.8 %			
Same Branch Sales Growth - Installation (8)							
Volume Growth (1)(9)	(10.8)%	7.5 %	(10.1)%	8.0 %			
Price/Mix Growth (1)(10)	3.5 %	27.1 %	8.6 %	22.5 %			
U.S. Housing Market (11)							
Total Completions Growth	(1.8)%	7.0 %	4.8 %	2.4 %			
Single-Family Completions Growth	(4.7)%	8.7 %	(2.2)%	5.7 %			
Multi-Family Completions Growth	3.9 %	4.8 %	24.1 %	(6.0)%			

- (1) Same-branch basis represents period-over-period growth for branch locations owned greater than 12 months as of each financial statement date.
- (2) Calculated based on period-over-period growth of all end markets for our Installation segment.
- (3) Calculated based on period-over-period growth in the single-family subset of the residential new construction end market for our Installation segment.
- (4) Calculated based on period-over-period growth in the multi-family subset of the residential new construction end market for our Installation segment.
- (5) Calculated based on period-over-period growth in the residential new construction end market for our Installation segment.
- (6) Calculated based on period-over-period growth in the total commercial end market for our Installation segment. Our commercial end market consists of heavy and light commercial projects.
- (7) Calculated based on period-over-period growth in our Other category which consists of our Manufacturing and Distribution operating segments. Our distribution businesses were acquired in December, 2021 and April, 2022.
- (8) The heavy commercial end market, a subset of our total commercial end market, comprises projects that are much larger than our average installation job. This end market is excluded from the volume growth and price/mix growth calculations for our Installation segment as to not skew the growth rates given its much larger per-job revenue compared to the average jobs in our remaining end markets.
- (9) Calculated as period-over-period change in the number of completed same-branch jobs within our Installation segment for all markets we serve except the heavy commercial end market.
- (10) Defined as change in the mix of products sold and related pricing changes and calculated as the change in period-over-period average selling price per same-branch jobs within our Installation segment for all markets we serve except the heavy commercial market, multiplied by total current year jobs. The mix of end customer and product would have an impact on the year-over-year price per job.
- (11) U.S. Census Bureau data, as revised.

Net Revenue, Cost of Sales and Gross Profit

The components of gross profit were as follows (in thousands):

	Three months ended September 30,					Nine months ended September 30,					
	 2023	Change		2022		2023	Change	2022			
Net revenue	\$ 706,465	(1.8)%	\$	719,114	\$	2,057,874	3.8 % \$	1,983,355			
Cost of sales	464,371	(6.7)%		497,837		1,372,883	— %	1,372,966			
Gross profit	\$ 242,094	9.4 %	\$	221,277	\$	684,991	12.2 % \$	610,389			
Gross profit percentage	 34.3 %	-		30.8 %		33.3 %		30.8 %			

Net revenue decreased during the three months ended September 30, 2023 over the same period in 2022 as reported job volumes decreased (10.8)% primarily due to the decrease in completions of (4.7)% in our largest end market, the single-family subset of the residential new construction market. Revenue from this end market showed an overall decrease of (8.7)% for the three months ended September 30, 2023 over the same period ended September 30, 2022. The volume decrease was partially offset by selling price and product mix improvements of 3.5% and recent acquisitions contributions to net revenue. Multi-family same branch sales remained strong with period-over-period growth of 28.4%.

For the nine months ended September 30, 2023, net revenue grew primarily due to increased selling prices and product mix improvements of 8.6%, acquisitions and organic growth from our multi-family and commercial businesses. As shown in the Key Measures of Performance table above, our diverse end market mix offset the reduction in installation jobs we completed in the single-family end market. Lastly, the Distribution operating segment, combined with our Manufacturing operating segment, further supported net revenue growth as it experienced 12.0% growth during the nine months ended September 30, 2023.

As a percentage of net revenue, gross profit improved during the three and nine months ended September 30, 2023 compared to the corresponding prior year period primarily on the strength of price/mix growth as well as leverage gained on labor and material costs compared to the prior year. We continued to focus on profitability over volume gains, and the moderation of inflation and material supply chain issues that affected our business and industry in recent years contributed to our gross margin improvements. We will continue to work with our suppliers to lessen the impact on our margins and with our customers to offset further cost increases through selling price adjustments.

Operating Expenses

Operating expenses were as follows (in thousands):

	Three mon	ths ended Septembe	er 30,	Nine months ended September 30,					
	 2023	Change	2022	2023	Change	2022			
Selling	\$ 31,966	1.0 % \$	31,651	\$ 97,475	13.1 % \$	86,214			
Percentage of total net revenue	4.5 %		4.4 %	4.7 %		4.3 %			
Administrative	\$ 96,789	14.8 % \$	84,345	\$ 282,277	14.0 % \$	247,519			
Percentage of total net revenue	13.7 %		11.7 %	13.7 %		12.5 %			
Amortization	\$ 11,031	(3.0)% \$	11,370	\$ 33,722	 % \$	33,728			
Percentage of total net revenue	1.6 %		1.6 %	1.6 %		1.7 %			

Selling

The dollar increase in selling expenses for the three months ended September 30, 2023 compared to 2022 was primarily driven by an increase in selling wages and bonuses due to higher profitability. This was partially offset by a decrease in commissions as net revenue decreased. The dollar increase for the nine months ended September 30, 2023 compared to 2022 was primarily driven by higher commissions and higher credit loss provisions due to increased sales. Selling expense as a percentage of sales increased for the three and nine months ended September 30, 2023 compared to 2022 primarily due to increased compensation from changes in product mix and more profitable completed jobs.

Administrative

The dollar increase in administrative expenses for the three and nine months ended September 30, 2023 compared to 2022 was primarily due to an increase in wages and benefits, including certain insurance costs resulting from organic and acquired growth. Administrative expenses increased as a percentage of sales for the three and nine months ended September 30, 2023

compared to 2022 primarily due to lower net revenue growth as a result of lower sales volume in our single-family end market, as well as wage inflationary pressures and an increased number of employees to support planned future growth.

Amortization

Amortization expense for the three months ended September 30, 2023 compared to 2022 decreased primarily due to the acquisition of fewer finite-lived intangible assets. Amortization expense was flat for the nine months ended September 30, 2023 compared to 2022.

Other Expense, Net

Other expense, net was as follows (in thousands):

		Three months ended September 30,				Nine months ended September 30,					
	·	2023	Change		2022		2023	Change		2022	
Interest expense, net	\$	9,718	(8.9)%	\$	10,668	\$	29,216	(7.7)%	\$	31,669	
Other (income) expense		(205)	(210.8)%		185		(544)	(177.9)%		698	
Total other expense, net	\$	9,513		\$	10,853	\$	28,672		\$	32,367	

The decrease in interest expense, net during the three and nine months ended September 30, 2023 compared to 2022 was primarily due to increased interest income due to higher yields on cash deposits, partially offset by increased interest expense on variable rate debt.

Income Tax Provision

Income tax provision and effective tax rates were as follows (in thousands):

		Three months er	nded S	September 30,	Nine months ended September 30,					
	2023			2022		2023	2022			
Income tax provision	\$	24,803	\$	22,080	\$	63,982	\$	55,857		
Effective tax rate		26.7 %	ò	26.6 %		26.3 %	· •	26.5 %		

The effective tax rate for each nine months ended September 30, 2023 and 2022 was favorably impacted by recognition of a windfall tax benefit from equity vesting.

Other Comprehensive Income, Net of Tax

Other comprehensive income, net of tax was as follows (in thousands):

		Three months en	eptember 30,	Nine months ended September 30,				
		2022	2023		2022			
Net change on cash flow hedges, net of taxes	\$	5,482	\$	14,379	\$	4,575	\$	42,640

During the three and nine months ended September 30, 2023, we recorded unrealized gains of \$4.7 million and \$2.1 million, net of taxes, respectively, on our cash flow hedges due to the changes in the market's expectations for future long-term interest rates relative to our three active interest rate swaps and our two forward interest rate swaps. We also amortized \$1.1 million and \$3.3 million of our remaining unrealized gains and losses, net, on our terminated cash flow hedges to interest expense during the three and nine months ended September 30, 2023, respectively, not including the offsetting tax effects of \$0.3 million and \$0.9 million, respectively.

During the three and nine months ended September 30, 2022, we recorded unrealized gains of \$13.5 million and \$40.6 million, net of tax, respectively, on our cash flow hedges due to the market's expectations for higher interest rates in the future relative to our three existing interest rate swaps. We also amortized \$1.1 million and \$2.8 million of our remaining unrealized loss on our terminated cash flow hedges to interest expense during the three and nine months ended September 30, 2022, respectively, not including the offsetting tax effects of \$0.3 million and \$0.7 million, respectively.

KEY FACTORS AFFECTING OUR OPERATING RESULTS

Inflation, Housing Affordability and Interest Rates

The strong demand for residential housing following the initial impacts of the COVID-19 pandemic caused inflationary pressures on the materials used in our industry. Demand for goods and services in the economy as a whole drove consumer price inflation to reach 40-year highs and negatively impacted consumer sentiment and increased market uncertainty. The Federal Reserve took actions to moderate and stabilize inflation by raising the federal funds rate multiple times in 2022 and 2023. Inflation has moderated, however it is still above the 2% stated target which has led the Federal Reserve to signal plans to keep the federal funds rate higher for longer than the market was anticipating. This caused the average mortgage rate in the United States to increase rapidly to over 7%. Rising interest rates reduce housing affordability and demand for single-family housing has shown signs of softening in the second half of 2023 as a result.

We expect to be impacted by these economic headwinds throughout 2023 and into 2024. Overall, residential housing construction activity remains resilient, despite housing affordability concerns, as stable employment and near historic lows in existing home inventory levels continue to support demand for residential new construction activity. As a result, while we expect cyclicality to continue in the housing industry, we believe the long-term opportunities in our residential and commercial end markets are favorable. We believe the large residential construction backlog of both units under construction and units not started will partially offset these challenges. Additionally, there have been housing shortages in some of the markets we serve and the backlog in our growing multi-family business has helped to partially offset the declines we have faced in the residential homebuilding market. Our largest customers are publicly traded homebuilders, and these builders have been able to increase affordability by offering mortgage rate buydowns as incentives to their customers. Regarding the repair and remodel markets, many existing homeowners are locked into low interest mortgages, and an aging housing stock exists in many areas of the United States. We expect these two factors, combined with incentives from the Inflation Reduction Act of 2022, to drive growth in the repair and remodel markets we service.

Cost and Availability of Materials

We typically purchase the materials that we install directly from manufacturers, and the products we sell are either purchased from manufacturers or other suppliers or are manufactured by us. The industry supply of these materials experienced supply shortages in 2022 due to strong demand and effects from the COVID-19 pandemic. The higher demand for materials coupled with supply chain issues including raw material shortages, supplier labor shortages, bottlenecks and shipping constraints showed signs of easing during portions of the nine months ended September 30, 2023. However, we have begun to experience similar disruptions with some of the materials used throughout our installation work in recent months and we expect these headwinds to continue throughout the remainder of 2023 and into early 2024. We will continue to prioritize the effective management of our supply chain by our purchasing, logistics and warehousing teams.

In addition, we experience price increases from our suppliers from time to time, including multiple increases over the last few years caused by supply shortages and general economic inflationary pressures. We have experienced unprecedented increased pricing for fiberglass and foam insulation materials over the last three years but have witnessed manufacturers slowing the pace of price increases in 2023. Increased market pricing, regardless of the catalyst, has and could continue to impact our results of operations throughout the remainder of 2023 to the extent that price increases cannot be passed on to our customers. Our selling price increases were able to support most material cost increases in 2022 but we may have more difficulty raising prices in the remainder of 2023 if housing demand continues to slow. We will continue to work with our customers to adjust selling prices to offset higher costs as they occur. See "COVID-19 Impacts" below for a discussion of the short-term impacts of the current economic climate on the availability of the materials we install.

Cost of Labor

Our business is labor intensive and the majority of our employees work as installers on local construction sites. We expect to spend more to hire, train and retain installers than in prior years in order to support our growing business, as tight labor availability continues within the construction industry. We offer a comprehensive benefits package unlike many of our local competitors, which will increase costs as we hire additional personnel. Our workers' compensation costs may continue to rise as we increase our coverage for additional personnel. We obtained leverage on our operating labor costs in the nine months ended September 30, 2023 compared to 2022 due to increased selling prices per job. However, wage inflation resulting from overall economic inflationary pressures as well as market competition could increase these costs in the near-term.

We have experienced strong employee retention, turnover and labor efficiency rates that exceed industry standards. We believe this is partially a result of various programs meant to benefit our employees, including our financial wellness plan, longevity

stock compensation plan for employees and assistance from the Installed Building Products Foundation meant to benefit our employees, their families and their communities. While improved retention drives lower costs to recruit and train new employees, resulting in greater installer productivity, these improvements are somewhat offset by the additional costs of these incentives.

COVID-19 Impacts

The COVID-19 pandemic caused significant volatility, uncertainty and economic disruption throughout the world. We previously experienced supply constraints and material price increases ultimately stemming from the effects of the pandemic for most of the products we install or sell. Some of our products continue to experience these effects in 2023.

In the commercial sector, we experienced additional impacts from the pandemic, mainly in the form of project start delays and other inefficiencies. In the future, certain large-scale infrastructure programs may be at risk if the need for such structures decline. For example, reduced demand for office buildings and educational facilities could impact our commercial end market. As discussed in the sections above, our commercial business experienced strong sales growth during the nine months ended September 30, 2023, signaling a potential improvement in this market. However, we continue to evaluate the nature and extent of the COVID-19 pandemic's impact on our financial condition, results of operations and cash flows of the commercial business.

LIQUIDITY AND CAPITAL RESOURCES

Our capital resources primarily consist of cash from operations and borrowings under our various debt agreements and capital equipment leases and loans. As of September 30, 2023, we had cash and cash equivalents of \$339.8 million as well as access to \$250.0 million under our asset-based lending credit facility (as defined below), less \$5.8 million of outstanding letters of credit, resulting in total liquidity of \$584.0 million. This total liquidity was reduced by \$1.6 million within our cash and cash equivalents due to a deposit into a trust to serve as additional collateral for our workers' compensation and general liability policies. This amount can be converted to a letter of credit at our discretion and would reduce the availability of our asset-based lending facility (as defined below). Liquidity may also be limited in the future by certain cash collateral limitations under our asset-based credit facility (as defined below), depending on the status of our borrowing base availability.

Short-Term Material Cash Requirements

Our primary capital requirements are to fund working capital needs, operating expenses, acquisitions and capital expenditures, to meet debt and leasing principal and interest obligations and to make required income tax payments. We may also use our resources to fund our optional stock repurchase program and pay quarterly and annual dividends. We expect to spend cash and cash equivalents to acquire various companies with at least \$100.0 million in aggregate net revenue each fiscal year. We currently anticipate that certain acquisition targets may be delayed into the first quarter of 2024, which would result in acquired revenue for fiscal year 2023 being less than our annual goal of \$100.0 million in aggregate net revenue. The amount of cash paid for an acquisition is dependent on various factors, including the size and determined value of the business being acquired.

We expect to meet our short-term liquidity requirements primarily through net cash flows from operations, our cash and cash equivalents on hand and borrowings from various lenders under equipment and loan agreements. Additional sources of funds, should we need them, include borrowing capacity under our asset-based lending credit facility (as defined below).

We believe that our cash flows from operations, combined with our current cash levels and available borrowing capacity, will be adequate to support our ongoing operations and to fund our business needs, commitments and contractual obligations for at least the next 12 months as evidenced by our net positive cash flows from operations for the nine months ended September 30, 2023 and 2022. We believe that we have access to additional funds, if needed, through the capital markets to obtain further debt financing under the current market conditions, but we cannot guarantee that such financing will be available on favorable terms, or at all. In the short-term, we expect the seasonal trends we typically experience to return, including higher sales in the spring and summer than the fall and winter. This could affect the timing of cash collections and payments during the fourth quarter of 2023 and into 2024.

Long-Term Material Cash Requirements

Beyond the next twelve months, our principal demands for funds will be to fund working capital needs and operating expenses, to meet principal and interest obligations on our long-term debts and finance leases as they become due or mature, and to make

required income tax payments. Additional funds may be spent on acquisitions, capital improvements and dividend payments, at our discretion.

On a long-term basis, we may refinance existing debt or obtain further debt financing to the extent that our sources of capital are insufficient to meet our operating needs and/or growth strategy.

In "Management's Discussion and Analysis of Financial Condition and Results of Operations" included in our 2022 Form 10-K, we disclosed that we had \$1.0 billion aggregate long-term material cash requirements as of December 31, 2022. In addition to these commitments, we signed a long-term purchase commitment during the nine months ended September 30, 2023 to purchase 43.7 million pounds of material with variable pricing over the next three years. See Note 16, Commitments and Contingencies, for more information on this commitment. Additionally, we repriced our existing Term Loan during the nine months ended September 30, 2023 which we anticipate will provide annual interest cost savings of over \$1.0 million through maturity. No other material changes to our cash requirements during the period covered by this Quarterly Report on Form 10-Q outside of the normal course of our business.

Sources and Uses of Cash and Related Trends

Working Capital

We carefully manage our working capital and operating expenses. As of September 30, 2023 and December 31, 2022, our working capital including cash and cash equivalents was \$675.1 million and \$556.4 million. The increase in 2023 was primarily due to additional cash of \$110.1 million resulting from the \$250.5 million of cash earned from operations offset by the payment of our annual and quarterly dividends, acquisition activity and purchases of capital equipment. Inventories decreased by \$17.0 million as a result of reduced warehoused materials due to easing supply chain shortages and lower sales volume growth. These factors also led to a decrease of \$5.6 million in accounts payable.

The following table summarizes our cash flow activity (in thousands):

	Nine months ended September 30,			
	2023		2022	
Net cash provided by operating activities	\$	250,539	\$	198,667
Net cash used in investing activities		(77,878)		(139,935)
Net cash used in financing activities		(62,529)		(188,815)

Cash Flows from Operating Activities

Our primary source of cash provided by operations is revenues generated from installing or selling building products and the resulting operating income generated by these revenues. Operating income is adjusted for certain non-cash items, and our cash flows from operations can be impacted by the timing of our cash collections on sales and collection of retainage amounts. The COVID-19 pandemic has not had a material impact on our cash collections to date.

Our primary uses of cash from operating activities include payments for installation materials, compensation costs, leases, income taxes and other general corporate expenditures included in net income.

Net cash provided by operating activities increased from 2022 to 2023 primarily due to the increases in net income, changes in certain working capital requirements and various noncash adjustments, partially offset by the reduction of our accounts payable and other liabilities balances and income tax expense payment timing.

Cash Flows from Investing Activities

Sources of cash from investing activities consist primarily of proceeds from the sales of property and equipment and, periodically, maturities from short term investments. Cash used in investing activities consists primarily of purchases of property and equipment, payments for acquisitions and, periodically, purchases of short term investments.

Net cash used in investing activities decreased from 2022 to 2023 primarily due to the purchase of short-term investments and increased spending on acquisitions during the nine months ended September 30, 2022, partially offset by the increase in spending on property and equipment in 2023.

Cash Flows from Financing Activities

Our sources of cash from financing activities consist of proceeds from the issuances of vehicle and equipment notes payable and, periodically, other sources of debt financing. Cash used in financing activities consists primarily of debt repayments, acquisition-related obligations, dividends and stock repurchases.

Net cash used in financing activities decreased from 2022 to 2023 primarily due to the repurchase of common stock under our previous stock repurchase plan and higher acquisition-related obligations during the nine months ended September 30, 2022. Our net cash used by financing activities was also offset during the nine months ended September 30, 2023 by higher proceeds from vehicle and equipment notes. See Note 12, Stockholders' Equity, for more information on the repurchase of common stock.

Debt

5.75% Senior Notes due 2028

In September 2019, we issued \$300.0 million in aggregate principal amount of 5.75% senior unsecured notes (the "Senior Notes"). The Senior Notes will mature on February 1, 2028 and interest is payable semi-annually in cash in arrears on February 1 and August 1, commencing on February 1, 2020. The net proceeds from the Senior Notes offering were \$295.0 million after debt issuance costs.

The indenture covering the Senior Notes contains restrictive covenants that, among other things, limit the ability of the Company and certain of our subsidiaries (subject to certain exceptions) to: (i) incur additional debt and issue preferred stock; (ii) pay dividends on, redeem or repurchase stock in an aggregate amount exceeding 2.0% of market capitalization per fiscal year, or in an aggregate amount exceeding certain applicable restricted payment baskets; (iii) prepay subordinated debt; (iv) create liens; (v) make specified types of investments; (vi) apply net proceeds from certain asset sales; (vii) engage in transactions with affiliates; (viii) merge, consolidate or sell substantially all of our assets; and (ix) pay dividends and make other distributions from subsidiaries.

Credit Facilities

In December 2021, we amended our \$500 million, seven-year term loan facility due December 2028 (the "Term Loan") under our credit agreement (the "Term Loan Agreement"), dated as of December 14, 2021 with Royal Bank of Canada as the administrative agent and collateral agent thereunder. The amended Term Loan amortizes in quarterly principal payments of \$1.25 million starting on March 31, 2022, with any remaining unpaid balances due on the maturity date of December 14, 2028. Proceeds from the Term Loan were used to refinance and repay in full all amounts outstanding under our previous term loan agreement. We intend to use the remaining funds to pay for acquisitions and other growth initiatives. As of September 30, 2023, we had \$486.7 million, net of unamortized debt issuance costs, due on our Term Loan.

In April 2023, we notified the lenders on our Term Loan under our Term Loan Agreement that we elected to trigger a benchmark replacement from LIBOR to the Secured Overnight Financing Rate ("Term SOFR"). The Term Loan was subsequently amended on April 28, 2023 (the "First Amendment") to implement Term SOFR as the benchmark rate and includes a credit spread adjustment of 0.11%, 0.26% and 0.43% for interest periods of one month, three months and six months, respectively, and it is subject to the same floor as currently set forth in the Term Loan Agreement.

In August 2023, we amended and restated our Term Loan (the "Second Amendment"). The Second Amendment effects a repricing of the interest rate applicable to the existing term loans thereunder from Term SOFR plus 2.25% to Term SOFR plus 2.00%. The Second Amendment also establishes an alternate base rate equal to the highest of (i) the federal funds rate plus 1/2 of 1.00%, (ii) the prime rate and (iii) the Term SOFR rate for an interest period of one month plus 1.00%. The Second Amendment also states that there will be a six-month protection provision during which a 1.00% premium would be charged in connection with certain repricing transactions.

Subject to certain exceptions, the Term Loan will be subject to mandatory prepayments of (i) 100% of the net cash proceeds from issuances or incurrence of debt by the Company or any of its restricted subsidiaries (other than with respect to certain permitted indebtedness (excluding any refinancing indebtedness); (ii) 100% (with step-downs to 50% and 0% based on achievement of specified net leverage ratios) of the net cash proceeds from certain sales or dispositions of assets by the Company or any of its restricted subsidiaries in excess of a certain amount and subject to reinvestment provision and certain other exception; and (iii) 50% (with step-downs to 25% and 0% based upon achievement of specified net leverage ratios) of

excess cash flow of the Company and its restricted subsidiaries in excess of \$15.0 million, subject to certain exceptions and limitations.

In February 2022, we amended and extended the term of our asset-based lending credit agreement (the "ABL Credit Agreement"). The ABL Credit Agreement increased the commitment under the asset-based lending credit facility (the "ABL Revolver") to \$250.0 million from \$200.0 million, and permits us to further increase the commitment amount up to \$300.0 million. The amendment also extends the maturity date from September 26, 2024 to February 17, 2027. The ABL Revolver bears interest at either the base rate or the Secured Overnight Financing Rate ("Term SOFR"), at our election, plus a margin of 0.25% or 0.50% in the case of base rate loans or 1.25% or 1.50% for Term SOFR advances (in each case based on a measure of availability under the ABL Credit Agreement). The amendment also allows for modification of specified fees dependent upon achieving certain sustainability targets, in addition to making other modifications to the ABL Credit Agreement. In connection with the Term Loan Agreement, we entered into a Third Amendment (the "Third Amendment") to the ABL/Term Loan Intercreditor Agreement with Bank of America, N.A., as ABL Agent for the lenders under the ABL Credit Agreement, and Royal Bank of Canada as collateral agent under the Term Loan Agreement. Including outstanding letters of credit, our remaining availability under the ABL Revolver as of September 30, 2023 was \$244.2 million.

All of the obligations under the Term Loan and ABL Revolver are guaranteed by all of the Company's existing restricted subsidiaries and will be guaranteed by the Company's future restricted subsidiaries. Additionally, all obligations under the Term Loan and ABL Revolver, and the guarantees of those obligations, are secured by substantially all of the assets of the Company and the guarantors, subject to certain exceptions and permitted liens, including a first-priority security interest in such assets that constitute ABL Priority Collateral, as defined in the ABL Credit Agreement, and a second- priority security interest in such assets that constitute Term Loan Priority Collateral, as defined in the Term Loan Agreement.

The ABL Revolver also provides incremental revolving credit facility commitments of up to \$50.0 million. The terms and conditions of any incremental revolving credit facility commitments must be no more favorable than the terms of the ABL Revolver. The ABL Revolver also allows for the issuance of letters of credit of up to \$100.0 million in aggregate and borrowing of swingline loans of up to \$25.0 million in aggregate.

The ABL Credit Agreement contains a financial covenant requiring the satisfaction of a minimum fixed charge coverage ratio of 1.0x in the event that we do not meet a minimum measure of availability under the ABL Revolver. The ABL Credit Agreement and the Term Loan Agreement contain restrictive covenants that, among other things, limit the ability of the Company and certain of our subsidiaries (subject to certain exceptions) to: (i) incur additional debt and issue preferred stock; (ii) pay dividends on, redeem or repurchase stock in an aggregate amount exceeding the greater of 2.0% of market capitalization per fiscal year or certain applicable restricted payment basket amounts; (iii) prepay subordinated debt; (iv) create liens; (v) make specified types of investments; (vi) apply net proceeds from certain asset sales; (vii) engage in transactions with affiliates; (viii) merge, consolidate or sell substantially all of our assets; and (ix) pay dividends and make other distributions from subsidiaries.

At September 30, 2023, we were in compliance with all applicable covenants under the Term Loan Agreement, ABL Credit Agreement and the Senior Notes.

Derivative Instruments

As of September 30, 2023, we had three active interest rate swaps with maturity dates of December 31, 2025 and two forward interest rate swaps with maturity dates of December 14, 2028. When combined, these five swaps serve to hedge \$400.0 million of the variable cash flows on our Term Loan until its maturity unless extended. During the nine months ended September 30, 2023, we amended the reference rates on our active and forward interest swaps from 1-month LIBOR to 1-month Term SOFR. For further information about our interest rate swaps, see Note 11, Derivatives and Hedging Activities. The assets associated with the interest rate swaps are included in current assets and other non-current assets on the Consolidated Balance Sheets at their fair value amounts as described in Note 9, Fair Value Measurements.

Vehicle and Equipment Notes

We are party to a Master Loan and Security Agreement ("Master Loan and Security Agreement"), a Master Equipment Lease Agreement ("Master Equipment Agreement") and one or more Master Loan Agreements ("Master Loan Agreements" and together with the Master Loan and Security Agreement and Master Equipment Agreement, the "Master Loan and Equipment Agreements") with various lenders to provide financing for the purpose of purchasing or leasing vehicles and equipment used in the normal course of business. Vehicles and equipment purchased or leased under each financing arrangement serve as

collateral for the note applicable to such financing arrangement. Regular payments are due under each note for a period of typically 60 consecutive months after the incurrence of the obligation.

Total outstanding loan balances relating to our Master Loan and Equipment Agreements were \$79.9 million as of September 30, 2023 and \$73.0 million as of December 31, 2022, respectively. Depreciation of assets held under these agreements is included within cost of sales on the Condensed Consolidated Statements of Operations and Comprehensive Income.

Letters of Credit and Bonds

We may use performance bonds to ensure completion of our work on certain larger customer contracts that can span multiple accounting periods. Performance bonds generally do not have stated expiration dates; rather, we are released from the bonds as the contractual performance is completed. In addition, we occasionally use letters of credit and cash to secure our performance under our general liability, workers' compensation and auto insurance programs. Permit and license bonds are typically issued for one year and are required by certain states and municipalities when we obtain licenses and permits to perform work in their jurisdictions.

The following table summarizes our outstanding bonds, letters of credit and cash-collateral (in thousands):

	As of Sept	As of September 30, 2023		
Performance bonds	\$	97,323		
Insurance letters of credit and cash collateral		68,488		
Permit and license bonds		10,701		
Total bonds and letters of credit	\$	176,512		

We have \$58.9 million included in our insurance letters of credit in the above table that are unsecured and therefore do not reduce total liquidity. As of September 30, 2023, we have \$1.6 million deposited into a trust to serve as additional collateral for our workers' compensation and general liability policies. This collateral is included in the table above and can be converted to a letter of credit at our discretion and is therefore not considered to be restricted cash.

Critical Accounting Policies and Estimates

Management's discussion and analysis of our financial condition and results of operations is based upon our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of our consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses and related disclosure of contingent assets and liabilities. Certain accounting policies involve judgments and uncertainties to such an extent that there is a reasonable likelihood that materially different amounts could have been reported using different assumptions or under different conditions. We evaluate our estimates and assumptions on a regular basis. We base our estimates on historical experience and various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of our assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates and assumptions used in preparation of our consolidated financial statements. There have been no significant changes to our critical accounting policies and estimates during the nine months ended September 30, 2023 from those disclosed in the "Management's Discussion and Analysis of Financial Condition and Results of Operations" section of our 2022 Form 10-K.

Recent Accounting Pronouncements

For a description of recently issued and/or adopted accounting pronouncements, see Note 2, Significant Accounting Policies, to our audited consolidated financial statements included in our 2022 Form 10-K.

Forward-Looking Statements

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of the federal securities laws, including with respect to the housing market and the commercial market, our operations, economic and industry conditions, our financial and business model, payments of dividends, the impact of COVID-19 on our business and end markets, the demand for our services and product offerings, trends in the commercial business, expansion of our national footprint and end markets, diversification of our products, our ability to grow and strengthen our market position, our ability to pursue and integrate value-enhancing acquisitions, our ability to improve sales and profitability, our efforts to navigate the material pricing environment,

our ability to increase selling prices, our material and labor costs, supply chain and material constraints, the impact of COVID-19 on our financial results and expectations for demand for our services and our earnings in 2023 and 2024. Forward-looking statements may generally be identified by the use of words such as "anticipate," "believe," "estimate," "project," "predict," "possible," "forecast," "may," "could," "would," "should," "expect," "intends," "plan," and "will" or, in each case, their negative, or other variations or comparable terminology. These forward-looking statements include all matters that are not historical facts. By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future. Any forward-looking statements that we make herein and in any future reports and statements are not guarantees of future performance, and actual results may differ materially from those expressed in or suggested by such forward-looking statements as a result of various factors, including, without limitation the adverse impact of the ongoing COVID-19 pandemic on our business and financial results, our supply chain, the economy and the markets we serve; general economic and industry conditions; increases in mortgage interest rates and rising home prices; inflation and interest rates; housing affordability; the material price and supply environment; the timing of increases in our selling prices; the risk that the Company may reduce, suspend or eliminate dividend payments in the future; and the factors discussed in the "Risk Factors" section of our 2022 Form 10-K, as the same may be updated from time to time in our subsequent filings with the SEC. In addition, any future declaration of dividends will be subject to the final determination of our Board of Directors. Any forward-looking statement made by the Company in this report speaks only as of the date hereof. New risks and uncertainties arise from time to time

Item 3. Quantitative and Qualitative Disclosures About Market Risk

We are exposed to market risks related to fluctuations in interest rates on our outstanding variable rate debt. As of September 30, 2023, we had \$491.3 million outstanding on our Term Loan, gross of unamortized debt issuance costs, no outstanding borrowings on our ABL Revolver and no outstanding borrowings under finance leases subject to variable interest rates. As of September 30, 2023, we had three active and two forward interest rate swaps which, when combined, serve to hedge \$400.0 million of the variable cash flows on our Term Loan until its maturity unless extended. As a result, total variable rate debt of \$91.3 million was exposed to market risks as of September 30, 2023. A hypothetical one percentage point increase (decrease) in interest rates on our variable rate debt would increase (decrease) our annual interest expense by approximately \$0.9 million. Our Senior Notes accrue interest at a fixed rate of 5.75%.

For variable rate debt, interest rate changes generally do not affect the fair value of the debt instrument, but do impact future earnings and cash flows, assuming other factors are held constant. We have not entered into and currently do not hold derivatives for trading or speculative purposes.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

We have evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this report with the participation of our Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO") as required by Exchange Act Rules 13a-15(e) and 15d-15(e). Based on that evaluation, our CEO and CFO concluded that our disclosure controls and procedures were effective as of September 30, 2023.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting during the three months ended September 30, 2023 that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

See Part I, Item 1. Financial Statements, Note 16, Commitments and Contingencies – Other Commitments and Contingencies, for information about existing legal proceedings.

Item 1A. Risk Factors

As of the date of this report, there have been no material changes from the risk factors disclosed in our 2022 Form 10-K.

Item 2. Unregistered Sales of Equity Securities, Use of Proceeds, and Issuer Purchases of Equity Securities

The following table shows the stock repurchase activity, including shares surrendered by employees in connection with the vesting of restricted stock awards, for the three months ended September 30, 2023:

	Total Number of Shares Purchased	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Va	Approximate Dollar llue of Shares that May Yet Be Purchased under the Plans or Programs ⁽²⁾
July 1 - July 31, 2023		\$ 		\$	
August 1 - August 31, 2023 (1)	17	151.78	_		
September 1 - September 30, 2023 (1)	80	124.89	_		200.0 million
	97	\$ 129.60		\$	200.0 million

- (1) Represents shares surrendered to the Company by employees to satisfy tax withholding obligations arising in connection with the vesting of 46 shares of restricted stock awarded under our 2014 Omnibus Incentive Plan.
- (2) On February 22, 2023, we announced that our board of directors authorized a new stock repurchase program that allows for the repurchase of up to \$200.0 million of our outstanding common stock. The new program replaces the previous program and is in effect through March 1, 2024. We did not repurchase any common stock under our stock repurchase programs during the three and nine months ended September 30, 2023. For further information about our stock repurchase program, see Note 12, Stockholders' Equity.

Item 3. Defaults Upon Senior Securities

There have been no material defaults in senior securities.

Item 4. Mine Safety Disclosures

Not applicable.

Item 5. Other Information

During the three months ended September 30, 2023, no director or officer of the Company adopted or terminated a "Rule 10b5-1 trading arrangement" or "non-Rule 10b5-1 trading arrangement," as each term is defined in Item 408(a) of Regulation S-K.

On November 7, 2023, our Board approved the Installed Building Products, Inc. Mandatory Recoupment Policy (the "Recoupment Policy"), which was established in accordance with the listing requirements of the New York Stock Exchange. The Recoupment Policy is effective as of November 7, 2023 and is available on the investor relations section of our website.

Item 6. Exhibits

(a)(3) Exhibits

The following exhibits are being filed as part of this Quarterly Report on Form 10-Q:

Exhibit <u>Number</u>	<u>Description</u>
10.1	Second Amendment to Term Loan Credit Agreement, dated as of August 14, 2023, by and among Installed Building Products, Inc, the other loan parties thereto, Royal Bank of Canada, as term administrative agent and as term collateral agent and the lenders party thereto (incorporated by reference to the Exhibit 10.1 to the Company's Current Report on Form 8-K filed on August 14, 2023).
31.1*	CEO Certification pursuant to Exchange Act Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2*	CFO Certification pursuant to Exchange Act Rule 13a-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1*	CEO Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2*	CFO Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101**	The following financial statements from the Company's Quarterly Report on Form 10-Q for the period ended September 30, 2023, formatted in inline XBRL, include: (i) Condensed Consolidated Balance Sheets, (ii) Condensed Consolidated Statements of Operations and Comprehensive Income, (iii) Condensed Consolidated Statements of Stockholders' Equity, (iv) Condensed Consolidated Statements of Cash Flows and (v) the Notes to the Condensed Consolidated Financial Statements.
104**	Cover Page Interactive Data File (formatted in Inline XBRL and contained in Exhibit 101).

^{*} Filed herewith.

^{**} Submitted electronically with the report.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: November 8, 2023

INSTALLED BUILDING PRODUCTS, INC.

By: /s/ Jeffrey W. Edwards

Jeffrey W. Edwards

President and Chief Executive Officer

By: /s/ Michael T. Miller

Michael T. Miller

Executive Vice President and Chief Financial Officer

Certification Required by Rule 13a-14(a) or 15d-14(a) of the Securities Exchange Act of 1934

I, Jeffrey W. Edwards, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Installed Building Products, Inc.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
 - 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: November 8, 2023 By: /s/ Jeffrey W. Edwards

Jeffrey W. Edwards

President and Chief Executive Officer

Certification Required by Rule 13a-14(a) or 15d-14(a) of the Securities Exchange Act of 1934

I, Michael T. Miller, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Installed Building Products, Inc.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
 - 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: November 8, 2023 By: /s/ Michael T. Miller

Michael T. Miller

Executive Vice President and Chief Financial Officer

Certification Required by Rule 13a-14(b) or 15d-14(b) of the Securities Exchange Act of 1934 and Section 1350 of Chapter 63 of Title 18 of the United States Code

The certification set forth below is being submitted in connection with the Installed Building Products, Inc. Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2023 (the "Report") for the purpose of complying with Rule 13a-14(b) or Rule 15d-14(b) of the Securities Exchange Act of 1934 (the "Exchange Act") and Section 1350 of Chapter 63 of Title 18 of the United States Code.

Jeffrey W. Edwards, the President and Chief Executive Officer, of Installed Building Products, Inc., certifies that, to the best of his knowledge:

- 1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- 2. The information contained in the Report fairly presents, in all material respects, the consolidated financial condition and results of operations of Installed Building Products, Inc.

Dated: November 8, 2023 By: /s/ Jeffrey W. Edwards

Jeffrey W. Edwards

President and Chief Executive Officer

Certification Required by Rule 13a-14(b) or 15d-14(b) of the Securities Exchange Act of 1934 and Section 1350 of Chapter 63 of Title 18 of the United States Code

The certification set forth below is being submitted in connection with the Installed Building Products, Inc. Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2023 (the "Report") for the purpose of complying with Rule 13a-14(b) or Rule 15d-14(b) of the Securities Exchange Act of 1934 (the "Exchange Act") and Section 1350 of Chapter 63 of Title 18 of the United States Code.

Michael T. Miller, the Executive Vice President and Chief Financial Officer, of Installed Building Products, Inc., certifies that, to the best of his knowledge:

- 1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- 2. The information contained in the Report fairly presents, in all material respects, the consolidated financial condition and results of operations of Installed Building Products, Inc.

Dated: November 8, 2023 By: /s/ Michael T. Miller

Michael T. Miller

Executive Vice President and Chief Financial Officer