UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

(Mark One)

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended April 30, 2022
OR

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from to
Commission File Number 1-33913

QUANEX BUILDING PRODUCTS CORPORATION
(Exact name of registrant as specified in its charter)

Delaware	**26-1561397**
(State or other jurisdiction of incorporation or organization)	**(I.R.S. Employer Identification No.)**

1800 West Loop South, Suite 1500, Houston, Texas 77027
(Address of principal executive offices and zip code)
Registrant's telephone number, including area code: (713) 961-4600

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value $0.01 per share	NX	New York Stock Exchange

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Section 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer	☒	Accelerated filer	☐
Non-accelerated filer	☐ (Do not check if a smaller reporting company)	Smaller reporting company	☐
		Emerging growth company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Securities Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

The number of shares outstanding of the registrant's Common Stock as of May 31, 2022 was 33,318,387.

QUANEX BUILDING PRODUCTS CORPORATION

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

QUANEX BUILDING PRODUCTS CORPORATION
CONDENSED CONSOLIDATED BALANCE SHEETS
(Unaudited)

	April 30, 2022	October 31, 2021
	(In thousands, except share amounts)	
ASSETS		
Current assets:		
Cash and cash equivalents	$ 38,900	$ 40,061
Accounts receivable, net of allowance for credit losses of $758 and $340	118,195	108,309
Inventories, net	130,383	92,529
Prepaid and other current assets	11,442	8,148
Total current assets	298,920	249,047
Property, plant and equipment, net of accumulated depreciation of $339,470 and $336,493	170,307	178,630
Operating lease right-of-use assets	48,582	52,708
Goodwill	143,268	149,205
Intangible assets, net	73,581	82,410
Other assets	5,832	5,323
Total assets	$ 740,490	$ 717,323
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	$ 88,956	$ 86,765
Accrued liabilities	40,740	56,156
Income taxes payable	7,851	6,038
Current maturities of long-term debt	812	846
Current operating lease liabilities	8,229	8,196
Total current liabilities	146,588	158,001
Long-term debt	75,714	52,094
Noncurrent operating lease liabilities	41,369	45,367
Deferred pension and postretirement benefits	4,578	4,737
Deferred income taxes	21,522	21,965
Other liabilities	14,545	15,377
Total liabilities	304,316	297,541
Commitments and contingencies		
Stockholders’ equity:		
Preferred stock, no par value, shares authorized 1,000,000; issued and outstanding - none	—	—
Common stock, $0.01 par value, shares authorized 125,000,000; issued 37,211,056 and 37,273,510, respectively; outstanding 33,318,387 and 33,274,785, respectively	373	373
Additional paid-in-capital	250,756	254,162
Retained earnings	292,221	259,718
Accumulated other comprehensive loss	(36,197)	(21,770)
Less: Treasury stock at cost, 3,892,669 and 3,998,725 shares, respectively	(70,979)	(72,701)
Total stockholders’ equity	436,174	419,782
Total liabilities and stockholders' equity	$ 740,490	$ 717,323

The accompanying notes are an integral part of the financial statements.

QUANEX BUILDING PRODUCTS CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF INCOME
(Unaudited)

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
	(In thousands, except per share amounts)			
Net sales	$ 322,893	$ 270,357	$ 589,933	$ 500,504
Cost and expenses:				
Cost of sales (excluding depreciation and amortization)	249,651	208,460	461,485	384,857
Selling, general and administrative	28,129	29,672	58,952	60,533
Restructuring charges	—	—	—	39
Depreciation and amortization	10,563	10,845	20,820	21,860
Operating income	34,550	21,380	48,676	33,215
Non-operating (expense) income:				
Interest expense	(602)	(640)	(1,125)	(1,391)
Other, net	453	265	507	457
Income before income taxes	34,401	21,005	48,058	32,281
Income tax expense	(7,879)	(6,454)	(10,297)	(9,878)
Net income	$ 26,522	$ 14,551	$ 37,761	$ 22,403
Basic earnings per common share	$ 0.80	$ 0.44	$ 1.14	$ 0.68
Diluted earnings per common share	$ 0.80	$ 0.43	$ 1.13	$ 0.67
Weighted-average common shares outstanding:				
Basic	33,157	33,355	33,140	33,110
Diluted	33,291	33,637	33,292	33,444
Cash dividends per share	$ 0.08	$ 0.08	$ 0.16	$ 0.16

The accompanying notes are an integral part of the financial statements.

QUANEX BUILDING PRODUCTS CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Unaudited)

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
	(In thousands)			
Net income	$ 26,522	$ 14,551	$ 37,761	$ 22,403
Other comprehensive (loss)income:				
Foreign currency translation (loss) gain	(11,268)	1,032	(14,427)	9,632
Other comprehensive (loss) income	(11,268)	1,032	(14,427)	9,632
Comprehensive income	$ 15,254	$ 15,583	$ 23,334	$ 32,035

The accompanying notes are an integral part of the financial statements.

QUANEX BUILDING PRODUCTS CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

	Six Months Ended April 30, 2022	Six Months Ended April 30, 2021
	(In thousands)	
Operating activities:		
Net income	$ 37,761	$ 22,403
Adjustments to reconcile net income to cash (used for) provided by operating activities:		
Depreciation and amortization	20,820	21,860
Stock-based compensation	1,124	970
Deferred income tax	583	2,339
Other, net	1,534	5,049
Changes in assets and liabilities:		
Increase in accounts receivable	(13,008)	(6,726)
Increase in inventory	(39,771)	(18,265)
Increase in other current assets	(3,541)	(2,013)
Increase in accounts payable	7,381	5,584
(Decrease) increase in accrued liabilities	(15,984)	994
Increase (decrease) in income taxes payable	1,679	(4,071)
Decrease in deferred pension and postretirement benefits	(159)	(104)
Increase in other long-term liabilities	443	642
Other, net	(743)	298
Cash (used for) provided by operating activities	(1,881)	28,960
Investing activities:		
Capital expenditures	(13,785)	(9,799)
Proceeds from disposition of capital assets	36	1,665
Cash used for investing activities	(13,749)	(8,134)
Financing activities:		
Borrowings under credit facilities	70,500	—
Repayments of credit facility borrowings	(45,500)	(30,000)
Repayments of other long-term debt	(432)	(605)
Common stock dividends paid	(5,258)	(5,330)
Issuance of common stock	173	16,123
Payroll tax paid to settle shares forfeited upon vesting of stock	(1,412)	(492)
Purchase of treasury stock	(1,569)	(3,968)
Cash provided by (used for) financing activities	16,502	(24,272)
Effect of exchange rate changes on cash and cash equivalents	(2,033)	1,083
Decrease in cash and cash equivalents	(1,161)	(2,363)
Cash and cash equivalents at beginning of period	40,061	51,621
Cash and cash equivalents at end of period	$ 38,900	$ 49,258

The accompanying notes are an integral part of the financial statements.

QUANEX BUILDING PRODUCTS CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(Unaudited)

Six Months Ended April 30, 2022	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Treasury Stock	Total Stockholders' Equity
	(In thousands, no per share amounts shown except in verbiage)					
Balance at October 31, 2021	$ 373	$ 254,162	$ 259,718	$ (21,770)	$ (72,701)	$ 419,782
Net income	—	—	11,239	—	—	11,239
Foreign currency translation adjustment	—	—	—	(3,159)	—	(3,159)
Common dividends ($0.08 per share)	—	—	(2,587)	—	—	(2,587)
Stock-based compensation activity:						
Expense related to stock-based compensation	—	552	—	—	—	552
Stock options exercised	—	5	—	—	50	55
Restricted stock awards granted	—	(1,534)	—	—	1,534	—
Performance restricted stock units vested	—	(1,598)	—	—	1,598	—
Other	—	(1,383)	—	—	—	(1,383)
Balance at January 31, 2022	$ 373	$ 250,204	$ 268,370	$ (24,929)	$ (69,519)	$ 424,499
Net income	—	—	26,522	—	—	26,522
Foreign currency translation adjustment	—	—	—	(11,268)	—	(11,268)
Common dividends ($0.08 per share)	—	—	(2,671)	—	—	(2,671)
Purchase of treasury stock	—	—	—	—	(1,569)	(1,569)
Stock-based compensation activity:						
Expense related to stock-based compensation	—	572	—	—	—	572
Stock options exercised	—	9	—	—	109	118
Other	—	(29)	—	—	—	(29)
Balance at April 30, 2022	$ 373	$ 250,756	$ 292,221	$ (36,197)	$ (70,979)	$ 436,174

Six Months Ended April, 2021	Common Stock		Additional Paid-in Capital		Retained Earnings		Accumulated Other Comprehensive Loss		Treasury Stock		Total Stockholders' Equity
	(In thousands, no per share amounts shown except in verbiage)										
Balance at October 31, 2020	$	373	$	253,458	$	213,517	$	(33,024)	$	(78,565)	$ 355,759
Net income		—		—		7,852		—		—	7,852
Foreign currency translation adjustment		—		—		—		8,600		—	8,600
Common dividends ($0.08 per share)		—		—		(2,637)		—		—	(2,637)
Treasury shares purchased, at cost		—		—		—		—		(1,927)	(1,927)
Stock-based compensation activity:											
Expense related to stock-based compensation		—		523		—		—		—	523
Stock options exercised		—		635		—		—		9,395	10,030
Restricted stock awards granted		—		(1,282)		—		—		1,282	—
Performance restricted stock units vested		—		(565)		—		—		565	—
Other		—		(492)		—		—		—	(492)
Balance at January 31, 2021	$	373	$	252,277	$	218,732	$	(24,424)	$	(69,250)	$ 377,708
Net income		—		—		14,551		—		—	14,551
Foreign currency translation adjustment		—		—		—		1,032		—	1,032
Common dividends ($0.08 per share)		—		—		(2,693)		—		—	(2,693)
Purchase of treasury stock		—		—		—		—		(2,041)	(2,041)
Stock-based compensation activity:											
Expense related to stock-based compensation		—		447		—		—		—	447
Stock options exercised		—		423		—		—		5,670	6,093
Balance at April 30, 2021	$	373	$	253,147	$	230,590	$	(23,392)	$	(65,621)	$ 395,097

The accompanying notes are an integral part of the financial statements.

QUANEX BUILDING PRODUCTS CORPORATION
NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

1. Nature of Operations and Basis of Presentation

Quanex Building Products Corporation is a component supplier to original equipment manufacturers (OEMs) in the building products industry. These components can be categorized as window and door (fenestration) components and kitchen and bath cabinet components. Examples of fenestration components include: (1) energy-efficient flexible insulating glass spacers, (2) extruded vinyl profiles, (3) window and door screens, and (4) precision-formed metal and wood products. We also manufacture cabinet doors and other components for OEMs in the kitchen and bathroom cabinet industry. In addition, we provide certain other non-fenestration components and products, which include solar panel sealants, trim moldings, vinyl decking, vinyl fencing, water retention barriers, and conservatory roof components. We have organized our business into three reportable business segments. For additional discussion of our reportable business segments, see Note 11, “Segment Information.” We use low-cost, short lead-time production processes and engineering expertise to provide our customers with specialized products for their specific window, door, and cabinet applications. We believe these capabilities provide us with unique competitive advantages. We serve a primary customer base in North America and the United Kingdom (U.K.), and also serve customers in international markets through our operating plants in the U.K. and Germany, as well as through sales and marketing efforts in other countries.

Unless the context indicates otherwise, references to “Quanex”, the “Company”, “we”, “us” and “our” refer to the consolidated business operations of Quanex Building Products Corporation and its subsidiaries.

The accompanying interim unaudited condensed consolidated financial statements include the accounts of Quanex Building Products Corporation. All intercompany accounts and transactions have been eliminated in consolidation. These financial statements have been prepared by us, without audit, pursuant to the rules and regulations of the Securities and Exchange Commission (SEC). Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP) have been condensed or omitted pursuant to such rules and regulations. The condensed consolidated balance sheet as of October 31, 2021 was derived from audited financial information but does not include all disclosures required by U.S. GAAP. The accompanying financial statements should be read in conjunction with the audited consolidated financial statements and the notes thereto, included in our Annual Report on Form 10-K for the fiscal year ended October 31, 2021. In our opinion, the accompanying financial statements contain all adjustments (which consist of normal recurring adjustments, except as disclosed herein) necessary to fairly present our financial position, results of operations and cash flows for the interim periods. The results of operations for the periods presented are not necessarily indicative of the results to be expected for the full year or for any future periods.

In preparing financial statements, we make informed judgments and estimates that affect the reported amounts of assets and liabilities as of the date of the financial statements and affect the reported amounts of revenues and expenses during the reporting period. We review our estimates on an on-going basis, including those related to impairment of long-lived assets and goodwill, contingencies and income taxes. Changes in facts and circumstances may result in revised estimates and actual results may differ from these estimates.

Revenue from Contracts with Customers

Revenue recognition

We recognize revenue that reflects the consideration we expect to receive for product sales upon transfer to customers. Revenue for product sales is recognized when control of the promised products is transferred to our customers, and we are entitled to consideration in exchange for such transfer. We account for a contract when a customer provides us with a firm purchase order that identifies the products to be provided, the payment terms for those products, and when collectability of the consideration due is probable.

Performance obligations

A performance obligation is a promise to provide the customer with a good or service. Our performance obligations include product sales, with each product included in a customer contract being recognized as a separate performance obligation. For contracts with multiple performance obligations, the standalone selling price of each product is generally readily observable.

Revenue from product sales is recognized at a point in time when the product is transferred to the customer, in accordance with the shipping terms, which is generally upon shipment. We estimate a provision for sales returns and warranty allowances to account for product returns related to general returns and product nonconformance.

We generally expense incremental costs of obtaining a contract when incurred because the amortization period would be less than one year. Additionally, we do not disclose the value of unsatisfied performance obligations for contracts with an original expected length of one year or less.

Pricing and sales incentives

Pricing is established at or prior to the time of sale with our customers and we record sales at the agreed-upon net selling price, reflective of current and prospective discounts.

Shipping and handling costs

We account for shipping and handling services as fulfillment services; accordingly, freight revenue is combined with the product deliverable rather than being accounted for as a distinct performance obligation within the terms of the agreement. Shipping and handling costs incurred by us for the delivery of goods to customers are considered a cost to fulfill the contract and are included in cost of sales in the accompanying condensed consolidated statements of income.

Contract assets and liabilities

Deferred revenue, which is not significant, is recorded when we have remaining unsatisfied performance obligations for which we have received consideration.

Disaggregation of revenue

We produce a wide variety of products that are used in the fenestration industry, including window spacer systems; extruded vinyl products; metal fabricated products; and astragals, thresholds and screens. In addition, we produce certain non-fenestration products, including kitchen and bath cabinet doors and components, flooring and trim moldings, solar edge tape, plastic decking, fencing, water retention barriers, conservatory roof components, and other products.

The following table summarizes our product sales for the three and six months ended April 30, 2022 and 2021 into groupings by segment which we believe depicts how the nature, amount, timing and uncertainty of our revenues and cash flows are affected by economic factors. For further details regarding our results by segment, refer to Note 11, "Segment Information".

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
	(In thousands)			
North American Fenestration:				
United States - fenestration	$ 156,843	$ 128,218	$ 285,210	$ 240,518
International - fenestration	11,094	8,397	20,230	16,175
United States - non-fenestration	7,077	6,293	13,793	11,690
International - non-fenestration	2,894	3,235	5,306	5,876
	$ 177,908	$ 146,143	$ 324,539	$ 274,259
European Fenestration:				
International - fenestration	$ 54,863	$ 50,835	$ 99,484	92,189
International - non-fenestration	18,564	10,822	32,857	18,559
	$ 73,427	$ 61,657	$ 132,341	$ 110,748
North American Cabinet Components:				
United States - fenestration	$ 4,666	$ 3,497	$ 8,431	$ 6,471
United States - non-fenestration	67,383	60,388	125,150	110,890
International - non-fenestration	829	(323)	1,650	195
	$ 72,878	$ 63,562	$ 135,231	$ 117,556
Unallocated Corporate & Other				
Eliminations	$ (1,320)	$ (1,005)	$ (2,178)	$ (2,059)
	$ (1,320)	$ (1,005)	$ (2,178)	$ (2,059)
Net sales	$ 322,893	$ 270,357	$ 589,933	$ 500,504

Allowance for Credit Losses

We have established an allowance for credit losses to estimate the risk of losses, which represents an estimate of expected losses over the remaining contractual life of our receivables. The allowance is determined using two methods. The amounts calculated from each of these methods are combined to determine the total amount reserved. First, a specific reserve is established for individual accounts where information indicates the customers may have an inability to meet financial obligations. Second, a reserve is determined for all customers based on a range of percentages applied to aging categories. These percentages are based on historical collection rates, write-off experience, and forecasts of future economic conditions. Actual write-offs are charged against the allowance when collection efforts have been unsuccessful.

Related Parties

Net sales for the six months ended April 30, 2022 included approximately $1.1 million of transactions with a customer which is a related party with one of our non-employee directors. We performed a review of these transactions, of which no single transaction or series of related transactions exceeded $120,000 in amount, and determined that these transactions were enacted independently of each other in fair transactions. We are not aware of any other related party transactions with any of our current non-employee directors or officers outside of their normal business functions or expected contractual duties.

COVID-19 Impact

On March 11, 2020, the World Health Organization (WHO) declared the outbreak of COVID-19 as a global pandemic and advised aggressive containment action. The COVID-19 pandemic and its impacts are continuing to have an adverse effect on many sectors of the economy, including negative impacts to the global supply chain and increased inflation. Measures providing for business shutdowns generally exclude certain essential services commonly including critical infrastructure such as construction and the businesses that support that critical infrastructure. To date, we have not experienced significant challenges or expenses implementing crisis management plans intended for containment and prevention.

The health and safety of our employees are high priorities. In response to the COVID-19 pandemic, we have taken additional measures to limit possible infections at the workplace by implementing social distancing, sanitizing the workspace, and requiring employees to report any COVID-19 symptoms to ensure safety as infection surges dictate. We continue to assess and refine these measures on an ongoing basis as public health guidance and applicable laws and regulations continue to evolve.

As a result of the economic and business impact of COVID-19, including inflation and supply chain impact, we may be required to revise certain accounting estimates and judgments such as, but not limited to, those related to the valuation of goodwill, intangibles, right-of-use assets, long-lived assets, accounts receivable (including allowances for credit losses), and inventory, which could have a material adverse effect on our financial position and results of operations.

2. Inventories

Inventories consisted of the following at April 30, 2022 and October 31, 2021 (in thousands):

	April 30, 2022	October 31, 2021
Raw materials	$ 75,704	$ 49,867
Finished goods and work in process	54,312	43,499
Supplies and other	2,137	2,099
Total	132,153	95,465
Less: Inventory reserves	1,770	2,936
Inventories, net	$ 130,383	$ 92,529

Fixed costs related to excess manufacturing capacity, if any, have been expensed in the period they were incurred and, therefore, are not capitalized into inventory.

3. Goodwill and Intangible Assets

Goodwill

The change in the carrying amount of goodwill for the six months ended April 30, 2022 was as follows (in thousands):

	Six Months Ended April 30, 2022
Beginning balance as of November 1, 2021	$ 149,205
Foreign currency translation adjustment	(5,937)
Balance as of the end of the period	$ 143,268

At our last annual test date, August 31, 2021, we evaluated the recoverability of goodwill at each of our five reporting units with goodwill balances and determined that our goodwill was not impaired. We evaluated for indicators of impairment during the three and six months ended April 30, 2022 and determined that there were no triggering events. For a summary of the change in the carrying amount of goodwill by segment, see Note 11, "Segment Information."

Identifiable Intangible Assets

Amortizable intangible assets consisted of the following as of April 30, 2022 and October 31, 2021 (in thousands):

	April 30, 2022		October 31, 2021	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
Customer relationships	$ 142,877	$ 84,938	$ 146,207	$ 81,086
Trademarks and trade names	55,403	40,130	56,437	39,589
Patents and other technology	22,465	22,096	22,525	22,084
Total	$ 220,745	$ 147,164	$ 225,169	$ 142,759

We had aggregate amortization expense related to intangible assets for the three and six months ended April 30, 2022 of $3.0 million and $6.0 million, respectively, and $3.3 million and $6.7 million for the comparable prior year periods.

Estimated remaining amortization expense, based on current intangible balances, for each of the fiscal years ending October 31, is as follows (in thousands):

	Estimated Amortization Expense
2022 (remaining six months)	$ 5,939
2023	11,144
2024	10,392
2025	9,165
2026	9,090
Thereafter	27,851
Total	$ 73,581

4. Debt and Finance Lease Obligations

Long-term debt consisted of the following at April 30, 2022 and October 31, 2021 (in thousands):

	April 30, 2022	October 31, 2021
Revolving Credit Facility	$ 63,000	$ 38,000
Finance lease obligations and other	13,971	15,537
Unamortized deferred financing fees	(445)	(597)
Total debt	$ 76,526	$ 52,940
Less: Current maturities of long-term debt	812	846
Long-term debt	$ 75,714	$ 52,094

Revolving Credit Facility

As more fully described in our Annual Report on Form 10-K for the fiscal year ended October 31, 2021, on October 18, 2018, we amended and extended our prior credit facility by entering into a $325.0 million revolving credit facility (the "Credit Facility"), with Wells Fargo Bank, National Association, as Agent, Swingline Lender and Issuing Lender, and Bank of America, N.A. serving as Syndication Agent. The Credit Facility has a five-year term, maturing on October 18, 2023.

On December 28, 2021, we entered into a second amendment (the "Amendment") of the Credit Facility. Pursuant to the Amendment, (a) the definition of "Capital Lease" was modified and clarified to provide an exclusion of certain agreed leases of the Company and its subsidiaries from the Credit Facility's financial covenants and other provisions and (b) secured overnight financing rate, interest rate mechanics and interest rate reference benchmark replacement provisions were implemented to effectuate the transition from LIBOR as a reference interest rate. We will, however, continue to use the One Month LIBOR Rate plus applicable margin for the Credit Facility until June of 2023 when One Month LIBOR will no longer be available.

Following the Amendment, interest payments are calculated, at our election and depending upon the Consolidated Leverage Ratio, at a Base Rate plus an applicable margin or at the same rate as One Month LIBOR for domestic borrowings, Eurocurrency Rate Loan, Transitioned RFR Loan or RFR Loan plus an applicable margin. In addition, we are subject to commitment fees for the unused portion of the Credit Facility.

The applicable margin and commitment fees are outlined in the following table:

Pricing Level	Consolidated Leverage Ratio	Commitment Fee	LIBOR, Eurocurrency Rate Loans and Transitioned RFR Loans	Initial RFR Loans	Base Rate Loans
I	Less than or equal to 1.50 to 1.00	0.200%	1.25%	1.2826%	0.25%
II	Greater than 1.50 to 1.00, but less than or equal to 2.25 to 1.00	0.225%	1.50%	1.5326%	0.50%
III	Greater than 2.25 to 1.00, but less than or equal to 3.00 to 1.00	0.250%	1.75%	1.7826%	0.75%
IV	Greater than 3.00 to 1.00	0.300%	2.00%	2.0326%	1.00%

In the event of default, outstanding borrowings would accrue interest at the Default Rate, as defined, whereby the obligations will bear interest at a per annum rate equal to 2% above the total per annum rate otherwise applicable.

The Credit Facility provides for incremental revolving credit commitments for a minimum principal amount of $10.0 million, up to an aggregate amount of $150.0 million, subject to the lender's discretion to elect or decline the incremental increase. We can also borrow up to the lesser of $15.0 million or the revolving credit commitment, as defined, under a Swingline feature of the Credit Facility.

The Credit Facility contains a: (1) Consolidated Interest Coverage Ratio requirement whereby we must not permit the Consolidated Interest Coverage Ratio, as defined, to be less than 2.25 to 1.00, and (2) Consolidated Leverage Ratio requirement, whereby we must not permit the Consolidated Leverage Ratio, as defined, to be greater than 3.25 to 1.00.

In addition to maintaining these financial covenants, the Credit Facility also limits our ability to enter into certain business transactions, such as to incur indebtedness or liens, to acquire businesses or dispose of material assets, make restricted payments, pay dividends (limited to $20.0 million per year) and other transactions as further defined in the Credit Facility. Some of these limitations, however, do not take effect so long as total leverage is less than or equal to 2.75 to 1.00 and available liquidity exceeds $25.0 million. Substantially all of our domestic assets, with the exception of real property, are used as collateral for the Credit Agreement.

As of April 30, 2022, we had $63.0 million of borrowings outstanding under the Credit Facility (reduced by unamortized debt issuance costs of $0.4 million), $4.4 million of outstanding letters of credit and $14.0 million outstanding primarily under finance leases and other debt. We had $257.6 million available for use under the 2018 Credit Facility at April 30, 2022. Outstanding borrowings under the 2018 Credit Facility accrue interest at 1.93% per annum. Our weighted average borrowing rate for borrowings outstanding during the six months ended April 30, 2022 and 2021 was 1.48% and 1.47%, respectively. We were in compliance with our debt covenants as of April 30, 2022.

5. Retirement Plans

Pension Plan

Our non-contributory, single employer defined benefit pension plan covers certain of our employees in the U.S. The net periodic pension cost for this plan for the three and six months ended April 30, 2022 and 2021 was as follows (in thousands):

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
Service cost	$ 214	$ 212	$ 430	$ 425
Interest cost	201	189	403	378
Expected return on plan assets	(497)	(490)	(995)	(980)
Amortization of net loss	2	36	3	72
Net periodic pension benefit	$ (80)	$ (53)	$ (159)	$ (105)

During September 2021, we contributed $0.5 million to fund our plan. During fiscal 2022, we do not expect to need to make a contribution to the pension plan to maintain targeted funding levels and meet minimum contribution requirements.

Other Plans

We also have a supplemental benefit plan covering certain executive officers and key employees and a non-qualified deferred compensation plan covering members of the Board of Directors and certain key employees. As of April 30, 2022 and October 31, 2021, our liability under the supplemental benefit plan was approximately $2.9 million. As of April 30, 2022 and October 31, 2021, the liability associated with the deferred compensation plan was approximately $3.2 million and $3.4 million, respectively. We record the current portion of liabilities associated with these plans under the caption “Accrued Liabilities,” and the long-term portion under the caption “Other Liabilities” in the accompanying condensed consolidated balance sheets.

6. Income Taxes

To determine our income tax expense or benefit for interim periods, consistent with accounting standards, we apply the estimated annual effective income tax rate to year-to-date results, plus any applicable discrete items, which are recorded in the period in which they occur. Discrete items include, among others, such events as changes in estimates due to the finalization of tax returns, tax audit settlements, expiration of statutes of limitations, tax benefits on equity compensation, and increase or decrease in valuation allowances on deferred tax assets. Our annual effective tax rates from continuing operations for the six months ended April 30, 2022 and 2021 were 25.2% and 27.3%, respectively. The difference between our effective income tax rate and the U.S. federal statutory rate of 21% principally results from discrete tax items, U.S. state tax, non-U.S. tax rate differential and other permanent differences. The primary discrete items affecting the 2022 effective rate were a benefit of $0.2 million related to the vesting or exercise of equity-based compensation awards and a benefit of $1.0 million for the true-up of our accruals and related deferred taxes from prior year. The 2021 effective tax rate was primarily impacted by state income taxes and the $0.8 million true-up of our deferred taxes from prior year filings, partially offset by a discrete benefit of $0.6 million related to the vesting or exercise of equity-based compensation awards.

As of April 30, 2022, our liability for uncertain tax positions (UTP) of $1.4 million relates to certain U.S. federal and state tax items regarding the interpretation of tax laws and regulations, including a minimal amount of interest and penalties. We include all interest and penalties related to uncertain tax benefits within our income tax provision account. To the extent interest and penalties are not assessed with respect to uncertain tax positions or the uncertainty of deductions in the future, amounts accrued will be reduced and reflected as a reduction of the overall income tax provision. Our total unrecognized tax benefits, if recognized, would not materially affect our effective tax rate. We do not believe that the recorded amount of unrecognized tax benefits will decrease significantly within the next twelve months.

We evaluate the likelihood of realization of our deferred tax assets by considering both positive and negative evidence. We maintain a valuation allowance for certain state net operating losses which totaled $1.3 million as of April 30, 2022 and October 31, 2021.

7. Contingencies

Remediation and Environmental Compliance Costs

Under applicable state and federal laws, we may be responsible for, among other things, all or part of the costs required to remove or remediate wastes or hazardous substances at locations we, or our predecessors, have owned or operated. From time to time, we also have been alleged to be liable for all or part of the costs incurred to clean up third-party sites where there might have been an alleged improper disposal of hazardous substances. At present, we are not involved in any such matters.

From time to time, we incur routine expenses and capital expenditures associated with compliance with existing environmental regulations, including control of air emissions and water discharges, and plant decommissioning costs. We have not incurred any material expenses or capital expenditures related to environmental matters during the past three fiscal years, and do not expect to incur a material amount of such costs in fiscal 2022. While we will continue to have future expenditures related to environmental matters, any such amounts are impossible to reasonably estimate at this time. Based upon our experience to date, we do not believe that our compliance with environmental requirements will have a material adverse effect on our operations, financial condition or cash flows.

Litigation

From time to time, we, along with our subsidiaries, are involved in various litigation matters arising in the ordinary course of our business, including those arising from or related to contractual matters, commercial disputes, intellectual property, personal injury, environmental matters, product performance or warranties, product liability, insurance coverage and personnel and employment disputes. We regularly review with legal counsel the status of all ongoing proceedings, and we maintain insurance against these risks to the extent deemed prudent by our management and to the extent such insurance is available. However, there is no assurance that we will prevail in these matters or that our insurers will accept full coverage of these matters, and we could, in the future, incur judgments, enter into settlements of claims, or revise our expectations regarding the outcome or insurability of matters we face, which could materially impact our results of operations.

We have been and are currently party to multiple claims, some of which are in litigation, relating to alleged defects in a commercial sealant product that was manufactured and sold during the 2000's. While we believe that our product was not defective and that we would prevail in these commercial sealant product claims if taken to trial, the timing, ultimate resolution and potential impact of these claims is not currently determinable. Nevertheless, after taking into account all currently available information, including our defenses, the advice of our counsel, and the extent and currently-expected availability of our existing insurance coverage, we believe that the eventual outcome of these commercial sealant claims will not have a material adverse effect on our overall financial condition, results of operations or cash flows, and we have not recorded any accrual with regard to these claims.

8. Fair Value Measurement of Assets and Liabilities

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy distinguishes between (1) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (2) an entity's own assumptions about market data developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which gives the highest priority to Level 1 and the lowest priority to Level 3. The three levels of the fair value hierarchy are described below:

- Level 1 - Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.
- Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability either directly or indirectly including quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in markets that are not active; inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates) and inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 - Inputs that are both significant to the fair value measurement and unobservable.

As of April 30, 2022, foreign currency derivatives were being measured on a recurring basis. Less than $0.1 million of foreign currency derivatives were included in total assets as of April 30, 2022. There were no outstanding foreign currency derivatives as of October 31, 2021. All of our derivative contracts are valued using quoted market prices from brokers or exchanges and are classified within Level 2 of the fair value hierarchy.

Carrying amounts reported on the balance sheet for cash, cash equivalents, accounts receivable and accounts payable approximate fair value due to the short-term maturity of these instruments. Our outstanding debt is variable rate debt that re-prices frequently, thereby limiting our exposure to significant change in interest rate risk. As a result, the fair value of our debt instrument approximates carrying value at April 30, 2022, and October 31, 2021 (Level 2 measurement).

Our performance share awards are marked-to-market on a quarterly basis during a three-year vesting period based on market data (Level 2 measurement). For further information, refer to Note 9, "Stock-Based Compensation - Performance Share Awards."

9. Stock-Based Compensation

We have established and maintain an Omnibus Incentive Plan (2020 Plan) that provides for the granting of restricted stock awards, stock options, restricted stock units, performance share awards, performance restricted stock units, and other stock-based and cash-based awards. The 2020 Plan is administered by the Compensation and Management Development Committee of the Board of Directors.

The aggregate number of shares of common stock authorized for grant under the 2020 Plan is 3,139,895 as approved by shareholders. Any officer, key employee and/or non-employee director is eligible for awards under the 2020 Plan. We grant restricted stock units to non-employee directors on the first business day of each fiscal year. As approved by the Compensation & Management Development Committee of our Board of Directors annually, we grant a mix of restricted stock awards, restricted stock units, performance shares and/or performance restricted stock units to officers, management and key employees. We also historically granted stock options to certain officers, directors and key employees. Occasionally, we may make additional grants to key employees at other times during the year.

Restricted Stock Awards

Restricted stock awards are granted to key employees and officers annually, and typically cliff vest over a three-year period with service and continued employment as the only vesting criteria. The recipient of the restricted stock award is entitled to all of the rights of a shareholder, except that the award is nontransferable during the vesting period. The fair value of the restricted stock award is established on the grant date and then expensed over the vesting period resulting in an increase in additional paid-in-capital. Shares are generally issued from treasury stock at the time of grant.

A summary of non-vested restricted stock awards activity during the six months ended April 30, 2022 is presented below:

	Restricted Stock Awards	Weighted Average Grant Date Fair Value per Share	
Non-vested at October 31, 2021	216,400	$	17.28
Granted	84,400		22.54
Forfeited	—		—
Vested	(88,700)		13.74
Non-vested at April 30, 2022	212,100	$	20.86

The total weighted average grant-date fair value of restricted stock awards that vested during each of the six months ended April 30, 2022 and 2021 was $1.2 million and $0.9 million, respectively. As of April 30, 2022, total unrecognized compensation cost related to unamortized restricted stock awards was $2.7 million. We expect to recognize this expense over the remaining weighted average vesting period of 2.1 years.

Stock Options

Historically, stock options have been awarded to key employees, officers and non-employee directors. In December 2017, the Compensation & Management Development Committee of the Board of Directors approved a change to the long-term incentive award program eliminating the grant of stock options and replacing this award with a grant of performance restricted stock units and performance shares as further described below. As a result, the final stock options were granted during the fiscal year ended October 31, 2017. Stock options typically vested ratably over a three-year period with service and continued employment as the vesting conditions. Our stock options may be exercised up to a maximum of ten years from the date of grant. The fair value of the stock options was determined on the grant date and expensed over the vesting period resulting in an increase in additional paid-in-capital. For employees who were nearing retirement-eligibility, we recognized stock option expense ratably over the shorter of the vesting period or the period from the grant-date to the retirement-eligibility date.

We use a Black-Scholes pricing model to estimate the fair value of stock options. A description of the methodology for the valuation assumptions was disclosed in our Annual Report on Form 10-K for the fiscal year ended October 31, 2021.

The following table summarizes our stock option activity for the six months ended April 30, 2022:

	Stock Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value (000s)
Outstanding at October 31, 2021	218,304	$ 19.37		
Granted	—	—		
Exercised	(8,737)	19.85		
Forfeited/Expired	(500)	15.08		
Outstanding at April 30, 2022	209,067	$ 19.36	3.0	$ 38
Vested at April 30, 2022	209,067	$ 19.36	3.0	$ 38
Exercisable at April 30, 2022	209,067	$ 19.36	3.0	$ 38

Intrinsic value is the amount by which the market price of the common stock on the date of exercise exceeds the exercise price of the stock option. The total intrinsic value of stock options exercised during the six months ended April 30, 2022 and 2021 was less than $0.1 million and $4.2 million, respectively.

Restricted Stock Units

Restricted stock units may be awarded to key employees and officers from time to time, and annually to non-employee directors. The non-employee director restricted stock units vest immediately but are payable only upon the director's cessation of service unless an election is made by the non-employee director to settle and pay the award on an earlier specified date. Restricted stock units awarded to employees and officers typically cliff vest after a three-year period with service and continued employment as the vesting conditions. Restricted stock units are not considered outstanding shares and do not have voting rights, although the holder does receive a cash payment equivalent to the dividend paid, on a one-for-one basis, on our outstanding common shares. Once the criteria is met, each restricted stock unit is payable to the holder in cash based on the market value of one share of our common stock. Accordingly, we record a liability for the restricted stock units on our balance sheet and recognize any changes in the market value during each reporting period as compensation expense.

During the six months ended April 30, 2022 and 2021, non-employee directors received 36,669 and 28,826 restricted stock units, respectively, at a weighted average grant date fair value of $22.52 per share and $18.79 per share, respectively, which vested immediately. As of April 30, 2022, there were 21,774 non-vested restricted stock units, which were awarded in January 2020 to key employees at a weighted average grant date fair value of $17.08. During the six months ended April 30, 2022 we paid $1.0 million and $0.8 million for the comparable prior year to settle vested restricted stock units.

Performance Share Awards

We have awarded annual grants of performance shares to key employees and officers. Performance share awards vest with return on net assets (RONA) as the vesting condition and pay out 100% in cash, and are accounted for as liability.

The expected cash settlement of the performance share award is recorded as a liability and is being marked to market over the three-year term of the award and can fluctuate depending on the number of shares ultimately expected to vest. Depending on the achievement of the performance conditions, 0% to 200% of the awarded performance shares may ultimately vest.

The following table summarizes our performance share grants and the grant date fair value for the RONA performance metrics:

Grant Date	Shares Awarded	Grant Date Fair Value	Shares Forfeited
December 5, 2019	55,900	$ 19.40	5,300
December 2, 2020	65,300	$ 20.68	—
December 9, 2021	80,900	$ 22.54	—

In December 2021, 183,000 shares vested pursuant to the December 2018 grant, which were settled with a cash payment of $3.8 million.

Performance share awards are payable in cash based upon the number of performance shares ultimately earned, and are therefore not considered outstanding shares.

Performance Restricted Stock Units

We award performance restricted stock units to key employees and officers. These awards cliff vest upon a three-year service period with the absolute total shareholder return of our common stock over this three-year term as the vesting criteria. The number of shares earned is variable depending on the metric achieved, and the settlement method is 100% in our common stock, with accrued dividends paid in cash at the time of vesting, assuming the shares had been outstanding throughout the performance period.

To value the performance restricted stock units, we used a Monte Carlo simulation model to arrive at a grant-date fair value. This amount will be adjusted for forfeitures and expensed over the three-year term of the award with a credit to additional paid-in-capital. Depending on the achievement of the performance conditions, a minimum of 0% and a maximum of 150% of the awarded performance restricted stock units may vest. Specifically, the awards vest on a continuum with the following Absolute Total Shareholder Return (A-TSR) milestones:

Vesting Level	Vesting Criteria	Percentage of Award Vested
Level 1	A-TSR greater than or equal to 50%	150%
Level 2	A-TSR less than 50% and greater than or equal to 20%	100%
Level 3	A-TSR less than 20% and greater than or equal to -20%	50%
Level 4	A-TSR less than -20%	—%

The following table summarizes our performance restricted stock unit grants and the grant date fair value for the A-TSR performance metric:

Grant Date	Shares Awarded	Grant Date Fair Value	Shares Forfeited
December 5, 2019	35,000	$ 19.40	—
December 2, 2020	38,400	$ 20.68	—
December 9, 2021	50,900	$ 21.06	—

During the six months ended April 30, 2022, 87,919 performance restricted stock units vested.

The performance restricted stock units are not considered outstanding shares, do not have voting rights, and are excluded from diluted weighted-average shares used to calculate earnings per share until the performance criteria is probable to result in the issuance of contingent shares. As of April 30, 2022, we have deemed 27,979 shares related to the December 2019 grant of performance restricted stock units as probable to vest.

The following table summarizes amounts expensed as selling, general and administrative expense related to restricted stock awards, stock options, restricted stock units, performance share awards and performance restricted stock units for the three and six months ended April 30, 2022 and 2021 (in thousands):

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
Restricted stock awards	$ 360	$ 304	$ 708	$ 606
Stock options	—	—	—	—
Restricted stock units	(278)	908	716	2,192
Performance share awards	316	616	1,656	3,301
Performance restricted stock units	212	186	416	357
Total compensation expense	$ 610	$ 2,014	$ 3,496	$ 6,456

Treasury Shares

We record treasury stock purchases under the cost method whereby the entire cost of the acquired stock is recorded as treasury stock. Shares are generally issued from treasury stock at the time of grant of restricted stock awards, upon the exercise of stock options, and upon the vesting of performance shares and performance restricted stock units. On the subsequent issuance of treasury shares, we record proceeds in excess of cost as an increase in additional paid in capital. A deficiency of such proceeds relative to costs would be applied to reduce paid-in-capital associated with prior issuances to the extent available, with the remainder recorded as a charge to retained earnings. There were no charges to retained earnings during the six months ended April 30, 2022.

The following table summarizes the treasury stock activity during the six months ended April 30, 2022:

	Six Months Ended April 30, 2022
Beginning Balance as of November 1, 2021	3,998,725
Restricted stock awards granted	(84,400)
Performance restricted stock units vested	(87,919)
Stock options exercised	(8,737)
Treasury stock repurchases	75,000
Balance at April 30, 2022	3,892,669

10. Other, net

Other, net on the condensed consolidated statements of income consisted of the following for the three and six months ended April 30, 2022 and 2021 (in thousands):

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
Foreign currency transaction gains (losses)	$ 123	$ (4)	$ 82	$ (82)
Foreign currency derivative gains	5	—	5	—
Pension service benefit	294	265	589	530
Interest income	—	1	15	4
Other	31	3	(184)	5
Other, net	$ 453	$ 265	$ 507	$ 457

11. Segment Information

We present three reportable business segments (1) NA Fenestration, comprising three operating segments primarily focused on the fenestration market in North America including vinyl profiles, insulating glass spacers, screens & other fenestration components; (2) EU Fenestration, comprising our U.K.-based vinyl extrusion business, manufacturing vinyl profiles & conservatories, and the European insulating glass business manufacturing insulating glass spacers; and (3) NA Cabinet Components, comprising our cabinet door and components operations. We maintain an Unallocated Corporate & Other which includes transaction expenses, stock-based compensation, long-term incentive awards based on the performance of our common stock and other factors, certain severance, legal, and other costs not deemed to be allocable to all segments, depreciation of corporate assets, interest expense, other, net, income taxes and inter-segment eliminations, and executive incentive compensation and medical expense fluctuations relative to planned costs as determined during the annual planning process. Other general and administrative costs associated with the corporate office are allocated to the reportable segments, based upon a relative measure of profitability in order to more accurately reflect each reportable business segment's administrative costs. We allocate corporate expenses to businesses acquired mid-year from the date of acquisition. The accounting policies of our operating segments are the same as those used to prepare the accompanying condensed consolidated financial statements. Corporate general and administrative expense allocated during the three and six month period ended April 30, 2022 was $5.5 million and $11.3 million, respectively, and $5.4 million and $10.7 million for the comparable prior year periods.

ASC Topic 280-10-50, “Segment Reporting” (ASC 280) permits aggregation of operating segments based on factors including, but not limited to: (1) similar nature of products serving the building products industry, primarily the fenestration business; (2) similar production processes, although there are some differences in the amount of automation amongst operating plants; (3) similar types or classes of customers, namely the primary OEMs; (4) similar distribution methods for product delivery, although the extent of the use of third-party distributors will vary amongst the businesses; (5) similar regulatory environment; and (6) converging long-term economic similarities.

Segment information for the three and six months ended April 30, 2022 and 2021, and total assets as of April 30, 2022 and October 31, 2021 are summarized in the following table (in thousands):

	NA Fenestration	EU Fenestration	NA Cabinet Comp.	Unallocated Corp. & Other	Total
Three Months Ended April 30, 2022					
Net sales	$ 177,908	$ 73,427	$ 72,878	$ (1,320)	$ 322,893
Depreciation and amortization	4,038	2,522	3,917	86	10,563
Operating income (loss)	22,221	12,597	568	(836)	34,550
Capital expenditures	3,632	1,252	1,499	32	6,415
Three Months Ended April 30, 2021					
Net sales	$ 146,143	$ 61,657	$ 63,562	$ (1,005)	$ 270,357
Depreciation and amortization	4,846	2,607	3,305	87	10,845
Operating income (loss)	15,783	10,250	(284)	(4,369)	21,380
Capital expenditures	2,001	1,268	1,160	124	4,553
Six Months Ended April 30, 2022					
Net sales	$ 324,539	$ 132,341	$ 135,231	$ (2,178)	$ 589,933
Depreciation and amortization	8,177	5,091	7,380	172	20,820
Operating income (loss)	34,372	20,412	(885)	(5,223)	48,676
Capital expenditures	8,937	2,206	2,572	70	13,785
Six Months Ended April 30, 2021					
Net sales	$ 274,259	$ 110,748	$ 117,556	$ (2,059)	$ 500,504
Depreciation and amortization	9,957	5,125	6,575	203	21,860
Operating income (loss)	26,986	18,437	(297)	(11,911)	33,215
Capital expenditures	4,821	1,740	3,113	125	9,799
As of April 30, 2022					
Total assets	$ 295,186	$ 225,703	$ 186,940	$ 32,661	$ 740,490
As of October 31, 2021					
Total assets	$ 268,773	$ 236,755	$ 178,671	$ 33,124	$ 717,323

The following table summarizes the change in the carrying amount of goodwill by reportable business segment for the six months ended April 30, 2022 (in thousands):

	NA Fenestration	EU Fenestration	NA Cabinet Comp.	Unallocated Corp. & Other	Total
Balance as of October 31, 2021	$ 38,712	$ 71,346	$ 39,147	$ —	$ 149,205
Foreign currency translation adjustment	—	(5,937)	—	—	(5,937)
Balance as of April 30, 2022	$ 38,712	$ 65,409	$ 39,147	$ —	$ 143,268

For further details of Goodwill, see Note 3, “Goodwill & Intangible Assets”, located herewith.

We did not allocate non-operating loss or income tax benefit to the reportable segments. The following table reconciles operating income as reported above to net income for the three and six months ended April 30, 2022 and 2021 (in thousands):

	Three Months Ended April 30,		Six Months Ended April 30,	
	2022	2021	2022	2021
Operating income	$ 34,550	$ 21,380	$ 48,676	$ 33,215
Interest expense	(602)	(640)	(1,125)	(1,391)
Other, net	453	265	507	457
Income tax expense	(7,879)	(6,454)	(10,297)	(9,878)
Net income	$ 26,522	$ 14,551	$ 37,761	$ 22,403

12. Earnings Per Share

We compute basic earnings per share by dividing net income by the weighted average number of common shares outstanding during the period. Diluted earnings per common and potential common shares include the weighted average of additional shares associated with the incremental effect of dilutive employee stock options, non-vested restricted stock as determined using the treasury stock method prescribed by U.S. GAAP and contingent shares associated with performance share awards, if dilutive.

Basic and diluted earnings per share for the three and six months ended April 30, 2022 and 2021 were calculated as follows (in thousands, except per share data):

	Net Income	Weighted Average Shares	Per Share
Three Months Ended April 30, 2022			
Basic earnings per common share	$ 26,522	33,157	$ 0.80
Effect of dilutive securities:			
Stock options	—	24	—
Restricted stock awards	—	82	—
Performance restricted stock units	—	28	—
Diluted earnings per common share	$ 26,522	33,291	$ 0.80
Three Months Ended April 30, 2021			
Basic earnings per common share	$ 14,551	33,355	$ 0.44
Effect of dilutive securities:			
Stock options	—	78	—
Restricted stock awards	—	112	—
Performance restricted stock units	—	92	—
Diluted earnings per common share	$ 14,551	33,637	$ 0.43
Six Months Ended April 30, 2022			
Basic earnings per common share	$ 37,761	33,140	$ 1.14
Effect of dilutive securities:			
Stock options	—	29	—
Restricted stock awards	—	95	—
Performance restricted stock units	—	28	—
Diluted earnings per common share	$ 37,761	33,292	$ 1.13
Six Months Ended April 30, 2021			
Basic earnings per common share	$ 22,403	33,110	$ 0.68
Effect of dilutive securities:			
Stock options	—	135	—
Restricted stock awards	—	108	—
Performance restricted stock units	—	91	—
Diluted earnings per common share	$ 22,403	33,444	$ 0.67

We do not include equity instruments in our calculation of diluted earnings per share if those instruments would be anti-dilutive. Such dilution is dependent on the excess of the market price of our stock over the exercise price and other components of the treasury stock method. There were no anti-dilutive instruments for the three and six months ended April 30, 2022 and 2021.

13. New Accounting Guidance

From time to time, new accounting pronouncements are issued by the Financial Accounting Standards Board (FASB) or other standards setting bodies that we adopt as of the specified effective date. We did not adopt any new accounting pronouncements during the three and six months ended April 30, 2022. As of April 30, 2022, we believe the impact of any recently issued standards that are not yet effective are either not applicable to us at this time or will not have a material impact on our condensed consolidated financial statements upon adoption.

Unless the context indicates otherwise, references to "Quanex", the "Company", "we", "us" and "our" refer to the consolidated business operations of Quanex Building Products Corporation and its subsidiaries.

Cautionary Note Regarding Forward-Looking Statements

Certain of the statements contained in this document and in documents incorporated by reference herein, including those made under the caption *"Management's Discussion and Analysis of Financial Condition and Results of Operations"* are "forward-looking" statements as defined under the Private Securities Litigation Reform Act of 1995. Generally, the words "expect," "believe," "intend," "estimate," "anticipate," "project," "will" and similar expressions identify forward-looking statements, which generally are not historical in nature. Forward looking statements are (1) all statements which address future operating performance, (2) events or developments that we expect or anticipate will occur in the future, including statements relating to volume, sales, operating income and earnings per share, and (3) statements expressing general outlook about future operating results. Forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from our historical experience and our current projections or expectations. As and when made, we believe that these forward-looking statements are reasonable. However, caution should be taken not to place undue reliance on any such forward-looking statements since such statements speak only as of the date when made and there can be no assurance that such forward-looking statements will occur. We are not obligated to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Factors that could cause actual results to differ materially from those expressed or implied by the forward-looking statements include, but are not limited to the following:

- impacts from public health issues (including pandemics, such as the recent COVID-19 pandemic and quarantines) on the economy, demand for our products or our operations, including the responses of governmental authorities to contain such public health issues;
- changes in market conditions, particularly in the new home construction, and residential remodeling and replacement (R&R) activity markets in the United States, United Kingdom, Germany and elsewhere;
- changes in non-pass-through raw material costs;
- changes in domestic and international economic conditions;
- changes in availability and prices of raw material including inflationary pressures and supply chain challenges, which could be exacerbated by political or global unrest such as the current situation in Ukraine;
- our ability to attract and retain skilled labor;
- changes in purchases by our principal customers;
- fluctuations in foreign currency exchange rates;
- our ability to maintain an effective system of internal controls;
- our ability to successfully implement our internal operating plans and acquisition strategies;
- our ability to successfully implement our plans with respect to information technology (IT) systems and processes;
- our ability to control costs and increase profitability;
- changes in environmental laws and regulations;
- changes in warranty obligations;
- changes in energy costs;
- changes in tax laws, and interpretations thereof;
- changes in interest rates;
- our ability to service our debt facilities and remain in good standing with our lenders;
- changes in the availability or applicability of our insurance coverage;
- our ability to maintain good relationships with our suppliers, subcontractors, and key customers; and
- the resolution of litigation and other legal proceedings.

For information on additional factors that could cause actual results to differ materially, please refer to the section entitled *"Item 1A. Risk Factors"* in our Annual Report on Form 10-K for the fiscal year ended October 31, 2021.

About Third-Party Information

In this report, we rely on and refer to information regarding industry data obtained from market research, publicly available information, industry publications, U.S. government sources and other third parties. Although we believe this information is reliable, we cannot guarantee the accuracy or completeness of the information and have not independently verified it.

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

The following discussion and analysis should be read in conjunction with the accompanying unaudited condensed consolidated financial statements and related notes as of April 30, 2022, and for the three and six months ended April 30, 2022 and 2021, included elsewhere herein. For additional information pertaining to our business, including risk factors which should be considered before investing in our common stock, refer to our Annual Report on Form 10-K for the fiscal year ended October 31, 2021.

Our Business

We manufacture components for original equipment manufacturers (OEMs) in the building products industry. These components can be categorized as window and door (fenestration) components and kitchen and bath cabinet components. Examples of fenestration components include (1) energy-efficient flexible insulating glass spacers, (2) extruded vinyl profiles, (3) window and door screens, and (4) precision-formed metal and wood products. We also manufacture cabinet doors and other components for OEMs in the kitchen and bathroom cabinet industry. In addition, we provide certain other non-fenestration components and products, which include solar panel sealants, trim moldings, vinyl decking, vinyl fencing, water retention barriers, and conservatory roof components. We use low-cost, short lead-time production processes and engineering expertise to provide our customers with specialized products for their specific window, door, and cabinet applications. We believe these capabilities provide us with unique competitive advantages. We serve a primary customer base in North America and the U.K., and also serve customers in international markets through our operating plants in the U.K. and Germany, as well as through sales and marketing efforts in other countries.

We continue to invest in organic growth initiatives and we intend to continue evaluating business acquisitions that allow us to expand our existing fenestration and cabinet component footprint, enhance our product offerings, provide new complementary technology, enhance our leadership position within the markets we serve and expand into new markets or service lines. We have disposed of non-core businesses in the past, and continue to evaluate our business portfolio to ensure that we are investing in markets where we believe there is potential future growth.

We currently have three reportable business segments: (1) North American Fenestration segment ("NA Fenestration"), comprising three operating segments, manufacturing vinyl profiles, IG spacers, screens and other fenestration components; (2) European Fenestration segment ("EU Fenestration"), comprising our U.K.-based vinyl extrusion business, manufacturing vinyl profiles and conservatories, and the European insulating glass business manufacturing IG spacers; and (3) North American Cabinet Components segment ("NA Cabinet Components"), comprising our North American cabinet door and components business and two wood-manufacturing plants. We maintain a grouping called Unallocated Corporate & Other, which includes transaction expenses, stock-based compensation, long-term incentive awards based on the performance of our common stock and other factors, certain severance, legal, and other costs not deemed to be allocable to all segments, depreciation of corporate assets, interest expense, other, net, income taxes and inter-segment eliminations, and executive incentive compensation and medical expense fluctuations relative to planned costs as determined during the annual planning process. Other corporate general and administrative costs have been allocated to the reportable business segments, based upon a relative measure of profitability in order to more accurately reflect each reportable business segment's administrative costs. We allocate corporate expenses to businesses acquired mid-year from the date of acquisition. The accounting policies of our operating segments are the same as those used to prepare our accompanying condensed consolidated financial statements.

Recent Transactions and Events

U.S. and global markets are experiencing volatility and disruption following the escalation of geopolitical tensions and the start of the military conflict between Russia and Ukraine. Although the length and impact of the ongoing military conflict is highly unpredictable, the conflict in Ukraine could lead to market disruptions, including significant volatility in commodity prices, credit and capital markets, as well as supply chain interruptions. We are continuing to monitor the situation in Ukraine and globally and assessing its potential impact on our business.

On March 11, 2020, the WHO declared the outbreak of COVID-19 to be a global pandemic and recommended containment and mitigation measures. Our first priority with regard to the COVID-19 pandemic is to do everything we can to ensure the safety, health and welfare of our employees, customers, suppliers and other partners. With the implementation of health and safety practices at our facilities, we are continuing to supply the industry during this uncertain time, recognizing the essential role the construction industry plays in providing housing and necessary infrastructure. As federal, state and local governments react to the public health crisis, significant uncertainties have been created in the economy. The COVID-19 pandemic and its related effects continue to have a significant adverse effect on many sectors of the economy and we may be further impacted.

The war in Ukraine and the impact of COVID-19 on the global economy including inflation and the price of raw materials, supply chain disruptions, and the volatility in interest rates including home mortgage rates are unpredictable and there may be developments outside our control requiring us to adjust our operating plan.

Market Overview and Outlook

We believe the primary drivers of our operating results continue to be North American new home construction and residential remodeling and replacement (R&R) activity. We believe that housing starts and window shipments are indicators of activity levels in the homebuilding and window industries, and we use this data, as published by or derived from third-party sources, to evaluate the market. We have evaluated the market using data from the National Association of Homebuilders (NAHB) with regard to housing starts, and published reports by Ducker Worldwide, LLC (Ducker), a consulting and research firm, with regard to window shipments in the U.S. We obtain market data from Catalina Research, a consulting and research firm, for insight into the U.S. residential wood cabinet demand.

In May 2022, the NAHB forecasted calendar-year housing starts to be 1.7 million in 2022 and 1.6 million in both 2023 and 2024 calendar-years. In May 2022, the Ducker forecast indicated that total window shipments are expected to increase approximately 5% for calendar-year 2022 and 2% in 2023. The estimated increase in window shipments for the year ended December 31, 2022 includes an increase in both new construction shipments and R&R shipments of approximately 5%. In May 2022, Catalina Research estimated that residential semi-custom cabinet demand in the U.S. is estimated to increase 2% in 2022.

Several commodities in our business are subject to pricing fluctuations, including polyvinyl resin (PVC), titanium dioxide (TiO_2), petroleum products, aluminum and wood. For the majority of our customers and critical suppliers, we have price adjusters in place which effectively share the base pass-through price changes for our primary commodities with our customers commensurate with the market at large. Our long-term exposure to these price fluctuations is somewhat mitigated due to the contractual component of the adjuster programs. However, these adjusters are not in place with all customers and for all commodities, and there is a level of exposure to such volatility due to the lag associated with the timing of price updates in accordance with our customer agreements, particularly with regard to hardwoods. In addition, some of these commodities, such as silicone, are in high demand, particularly in Europe, which can affect the cost of the raw materials, a portion of which we may not be able to fully recover.

The global economy remains uncertain due to currency devaluations, political unrest, terror threats, global pandemics such as COVID-19, and even the political landscape in the U.S. These and other macro-economic factors have impacted the global financial markets, which may have contributed to significant changes in foreign currencies. We continue to monitor our exposure to changes in exchange rates.

Results of Operations

Three Months Ended April 30, 2022 Compared to Three Months Ended April 30, 2021

	Three Months Ended April 30,			
	2022	2021	Change $	% Variance
	(Dollars in millions)			
Net sales	$ 322.9	$ 270.4	$ 52.5	19 %
Cost of sales (excluding depreciation and amortization)	249.6	208.5	41.1	(20)%
Selling, general and administrative	28.2	29.6	(1.4)	5 %
Depreciation and amortization	10.5	10.9	(0.4)	4 %
Operating income	34.6	21.4	13.2	62 %
Interest expense	(0.6)	(0.6)	—	— %
Other, net	0.5	0.3	0.2	67 %
Income tax expense	(7.9)	(6.5)	(1.4)	(22)%
Net income	$ 26.6	$ 14.6	$ 12.0	82 %

Our period-over-period results by reportable segment follow.

Changes Related to Operating Income by Reportable Segment:

NA Fenestration

	Three Months Ended April 30,			
	2022	2021	$ Change	% Variance
	(Dollars in millions)			
Net sales	$ 177.9	$ 146.2	$ 31.7	22%
Cost of sales (excluding depreciation and amortization)	137.5	112.4	25.1	(22)%
Selling, general and administrative	14.1	13.2	0.9	(7)%
Depreciation and amortization	4.1	4.9	(0.8)	16%
Operating income	$ 22.2	$ 15.7	$ 6.5	41%
Operating income margin	12 %	11 %		

Net Sales. Net sales increased $31.7 million, or 22%, for the three months ended April 30, 2022 compared to the same period in 2021, which was primarily driven by an increase in price and raw material surcharges of $21.5 million and a $10.2 million increase in volumes.

Cost of Sales. The cost of sales increased $25.1 million, or 22%, for the three months ended April 30, 2022 compared to the same period in 2021. Cost of sales, including labor, increased primarily due to higher volumes during the period as well as the inflation of raw materials.

*Selling, General and Administrative. S*elling, general and administrative expenses increased $0.9 million, or 7%, for the three months ended April 30, 2022 compared to the same period in 2021, primarily due to increased general expenses year-over-year.

Depreciation and Amortization. Depreciation and amortization expense decreased $0.8 million for the three months ended April 30, 2022 compared to the same period in 2021, reflecting the run-off of depreciation expense related to existing assets and disposals during the period.

EU Fenestration

	Three Months Ended April 30,			
	2022	2021	$ Change	% Variance
	(Dollars in millions)			
Net sales	$ 73.4	$ 61.6	$ 11.8	19%
Cost of sales (excluding depreciation and amortization)	49.7	41.4	8.3	(20)%
Selling, general and administrative	8.6	7.4	1.2	(16)%
Depreciation and amortization	2.5	2.6	(0.1)	4%
Operating income	$ 12.6	$ 10.2	$ 2.4	24%
Operating income margin	17 %	17 %		

Net Sales. Net sales increased $11.8 million, or 19%, for the three months ended April 30, 2022 compared to the same period in 2021, which was primarily driven by $14.8 million of base price increases and a $0.3 million increase in volumes partially offset by $3.3 million of foreign currency rate changes.

Cost of Sales. The cost of sales increased $8.3 million, or 20%, for the three months ended April 30, 2022 compared to the same period in 2021. Cost of sales, including labor, increased primarily due to higher volumes during the period as well as the inflation of raw materials.

Selling, General and Administrative. Selling, general and administrative expense increased $1.2 million, or 16%, for the three months ended April 30, 2022 compared to the same period in 2021. The increase is primarily due to higher compensation, general expenses and foreign currency impacts year-over-year.

NA Cabinet Components

	Three Months Ended April 30,			
	2022	2021	$ Change	Variance %
	(Dollars in millions)			
Net sales	$ 72.9	$ 63.6	$ 9.3	15%
Cost of sales (excluding depreciation and amortization)	63.2	55.1	8.1	(15)%
Selling, general and administrative	5.3	5.3	—	—%
Depreciation and amortization	3.8	3.3	0.5	(15)%
Operating income (loss)	$ 0.6	$ (0.1)	$ 0.7	700%
Operating income (loss) margin	1 %	— %		

Net Sales. Net sales increased $9.3 million, or 15%, for the three months ended April 30, 2022 compared to the same period in 2021, which was driven by an increase in price and raw material indexes of $18.3 million partially offset by a $9.0 million decrease in volumes due to labor and material shortages throughout the supply chain.

Cost of Sales. Cost of sales increased $8.1 million, or 15%, for the three months ended April 30, 2022 compared to the same period in 2021. Cost of sales increased primarily due to rising lumber prices, which are recovered on a lag, partially offset by lower volumes during the period.

Selling, General and Administrative. Selling, general and administrative expense was similar to the three months ended April 30, 2022 compared to the same period in 2021.

Unallocated Corporate & Other

	Three Months Ended April 30,			
	2022	2021	$ Change	Variance %
	(Dollars in millions)			
Net sales	$ (1.3)	$ (1.0)	$ (0.3)	(30)%
Cost of sales (excluding depreciation and amortization)	(0.8)	(0.4)	(0.4)	100%
Selling, general and administrative	0.2	3.7	(3.5)	95%
Depreciation and amortization	0.1	0.1	—	—%
Operating loss	$ (0.8)	$ (4.4)	$ 3.6	82%

Net Sales. Net sales for Unallocated Corporate & Other represents the elimination of inter-segment sales for the three months ended April 30, 2022 and 2021.

Cost of Sales. Cost of sales for Unallocated Corporate & Other consists of the elimination of inter-segment sales, profit in inventory, and other costs.

Selling, General and Administrative. Selling, general and administrative expenses decreased $3.5 million, or 95%, for the three months ended April 30, 2022 compared to the same period in 2021. This decrease is primarily attributable to $2.3 million of lower compensation expense including the valuations of our stock based compensation awards, a decrease of $0.8 million related to medical expense claims, and a decrease of $0.5 million related to workers' compensation claims during the three months ended April 30, 2022 as compared to the prior year period.

Changes related to Non-Operating Items:

Interest Expense. Interest expenses were similar to the three months ended April 30, 2022 compared to the same period in 2021.

Income Taxes. We recorded income tax expense of $7.9 million on pre-tax income of $34.4 million for the three months ended April 30, 2022, an effective rate of 22.9%, and income tax expense of $6.5 million on pre-tax income of $21.0 million for the three months ended April 30, 2021, an effective rate of 30.7%. The $1.4 million increase in income tax expense year-over-year primarily corresponds with the increase in pre-tax income partially offset by a benefit for the true-up of deferred taxes from prior year filings.

Six Months Ended April 30, 2022 Compared to Six Months Ended April 30, 2021

	Six Months Ended April 30,			
	2022	2021	Change $	% Variance
	(Dollars in millions)			
Net sales	$ 589.9	$ 500.5	$ 89.4	18 %
Cost of sales (excluding depreciation and amortization)	461.4	384.9	76.5	(20)%
Selling, general and administrative	59.0	60.5	(1.5)	2 %
Depreciation and amortization	20.8	21.9	(1.1)	5 %
Operating income	48.7	33.2	15.5	47 %
Interest expense	(1.1)	(1.4)	0.3	21 %
Other, net	0.5	0.5	—	— %
Income tax expense	(10.3)	(9.9)	(0.4)	(4)%
Net income	$ 37.8	$ 22.4	$ 15.4	69 %

Our period-over-period results by reportable segment follow.

Changes Related to Operating Income by Reportable Segment:

NA Fenestration

	Six Months Ended April 30,			
	2022	2021	$ Change	% Variance
	(Dollars in millions)			
Net sales	$ 324.5	$ 274.3	$ 50.2	18%
Cost of sales (excluding depreciation and amortization)	253.5	211.8	41.7	(20)%
Selling, general and administrative	28.5	25.6	2.9	(11)%
Depreciation and amortization	8.2	10.0	(1.8)	18%
Operating income	$ 34.3	$ 26.9	$ 7.4	28%
Operating income margin	11 %	10 %		

Net Sales. Net sales increased $50.2 million, or 18%, for the six months ended April 30, 2022 compared to the same period in 2021, which was primarily driven by an increase in price and raw material surcharges of $32.8 million and a $17.4 million increase in volumes.

Cost of Sales. The cost of sales increased $41.7 million, or 20%, for the six months ended April 30, 2022 as compared to the same period in 2021. Cost of sales, including labor, increased primarily due to higher volumes during the period as well as the inflation of raw materials.

*Selling, General and Administrative. S*elling, general and administrative expenses increased $2.9 million, or 11%, for the six months ended April 30, 2022 as compared to the same period in 2021. This increase was due primarily to higher professional fees and general expenses year-over-year.

Depreciation and Amortization. Depreciation and amortization expense decreased $1.8 million, or 18%, for the six months ended April 30, 2022 as compared to the same period in 2021, reflecting the run-off of depreciation expense related to existing assets and disposals during the period.

EU Fenestration

	Six Months Ended April 30,			
	2022	2021	$ Change	Variance %
	(Dollars in millions)			
Net sales	$ 132.3	$ 110.7	$ 21.6	20%
Cost of sales (excluding depreciation and amortization)	90.9	73.2	17.7	(24)%
Selling, general and administrative	15.9	14.0	1.9	(14)%
Depreciation and amortization	5.1	5.1	—	—%
Operating income	$ 20.4	$ 18.4	$ 2.0	11%
Operating income margin	15 %	17 %		

Net Sales. Net sales increased $21.6 million, or 20%, comparing the six months ended April 30, 2022 to the same period in 2021, which was primarily driven by $23.1 million of base price increases and a $2.2 million increase in volumes partially offset by $3.7 million of foreign currency rate changes.

Cost of Sales. The cost of sales increased $17.7 million, or 24%, for the six months ended April 30, 2022 compared to the same period in 2021. Cost of sales increased primarily due to higher volumes during the period as well as the inflation of raw materials.

Selling, General and Administrative. Selling, general and administrative expense increased $1.9 million, or 14%, for the six months ended April 30, 2022 compared to the same period in 2021. The increase is primarily due to higher compensation, general expenses and foreign currency impacts year-over-year.

NA Cabinet Components

	Six Months Ended April 30,			
	2022	2021	$ Change	Variance %
	(Dollars in millions)			
Net sales	$ 135.3	$ 117.6	$ 17.7	15%
Cost of sales (excluding depreciation and amortization)	118.2	101.0	17.2	(17)%
Selling, general and administrative	10.5	10.2	0.3	(3)%
Depreciation and amortization	7.3	6.6	0.7	(11)%
Operating loss	$ (0.7)	$ (0.2)	$ (0.5)	(250)%
Operating loss margin	(1)%	— %		

Net Sales. Net sales increased $17.7 million, or 15%, for the six months ended April 30, 2022 compared to the same period in 2021, which was driven by a $32.6 million increase in price and raw material indexes partially offset by $14.9 million decrease in volumes due to labor and material shortages throughout the supply chain.

Cost of Sales. Cost of sales increased $17.2 million, or 17%, for the six months ended April 30, 2022 compared with the same period in 2021, primarily as a result of lumber price inflation, which is recovered on a lag, partially offset by lower volumes during the period.

Selling, General and Administrative. Selling, general and administrative expense increased $0.3 million, or 3%, for the six months ended April 30, 2022 compared to the same period in 2021 due to an increase in general expenses year-over-year.

Unallocated Corporate & Other

	Six Months Ended April 30,			
	2022	2021	$ Change	Variance %
	(Dollars in millions)			
Net sales	$ (2.2)	$ (2.1)	$ (0.1)	(5)%
Cost of sales (excluding depreciation and amortization)	(1.2)	(1.1)	(0.1)	9%
Selling, general and administrative	4.1	10.7	(6.6)	62%
Depreciation and amortization	0.2	0.2	—	—%
Operating loss	$ (5.3)	$ (11.9)	$ 6.6	55%

Net Sales. Net sales for Unallocated Corporate & Other represents the elimination of inter-segment sales for the six months ended April 30, 2022 and 2021.

Cost of Sales. Cost of sales for Unallocated Corporate & Other consists of the elimination of inter-segment sales, profit in inventory, and other costs.

Selling, General and Administrative. Selling, general and administrative expenses decreased $6.6 million, or 62%, for the six months ended April 30, 2022 compared to the same period in 2021. This decrease is primarily attributable to $4.6 million of decreased compensation expense including the valuations of our stock based compensation awards, a decrease of $0.5 million related to workers' compensation claims and a decrease of $0.2 million related to medical expense claims during the six months ended April 30, 2022 as compared to the prior year period. Additionally, we recorded a $1.4 million loss on the sale of a plant during the six months ended April 30, 2021, for which we did not have a comparable expense in the corresponding six months ended April 30, 2022.

Changes related to Non-Operating Items:

Interest Expense. Interest expense decreased $0.3 million for the six months ended April 30, 2022 compared to the same period in 2021 as a result of lower borrowings outstanding during the period.

Income Taxes. We recorded income tax expense of $10.3 million on pre-tax income of $48.1 million for the six months ended April 30, 2022, an effective rate of 21.4%, and income tax expense of $9.9 million on a pre-tax income of $32.3 million for the six months ended April 30, 2021, an effective rate of 30.6%. The $0.4 million increase in income tax expense year-over-year corresponds with the increase in pre-tax income partially offset by a benefit for the true-up of deferred taxes from prior year filings and a benefit related to the vesting or exercise of equity based compensation.

Liquidity and Capital Resources

Overview

Historically, our principal sources of funds have been cash on hand, cash flow from operations, and borrowings under our credit facilities.

We maintain a $325.0 million revolving credit facility (the Credit Facility) that matures in 2023 (5-year term) and requires interest payments calculated at a variable market rate depending upon our Consolidated Leverage Ratio. The applicable rate during the six months ended April 30, 2022 was LIBOR + 1.25%. Our cost of capital could increase depending upon the Consolidated Leverage Ratio at the end of any given quarter. In addition to the Consolidated Leverage Ratio covenant, we are required to meet a Consolidated Interest Coverage Ratio covenant, and there are limitations on certain transactions including our ability to incur indebtedness, incur liens, dispose of material assets, acquire businesses, make restricted payments and pay dividends (limited to $20.0 million per year). We are amortizing deferred financing fees of $0.4 million straight-line over the remaining term of the facility. For further details of the Credit Facility, refer to Note 4, “Debt and Finance Lease Obligations” to the accompanying unaudited condensed consolidated financial statements contained elsewhere herein.

As of April 30, 2022, we had $38.9 million of cash and equivalents, $63.0 million outstanding under the Credit Facility, $4.4 million of outstanding letters of credit and $14.0 million outstanding under finance leases and other debt. We had $257.6 million available for use under the Credit Facility at April 30, 2022.

We repatriated $4.1 million and $8.8 million of foreign cash during the six months ended April 30, 2022 and 2021, respectively. We expect to repatriate excess cash moving forward and use the funds to retire debt or meet current working capital needs. In the U.K., we insure against a portion of our credit losses. We believe our business model, our current cash reserves and the recent steps we have taken to strengthen our balance sheet leave us well-positioned to manage our business and remain in compliance with our debt covenants.

Analysis of Cash Flow

The following table summarizes our cash flow results for the six months ended April 30, 2022 and 2021:

	Six Months Ended April 30,	
	2022	2021
	(In millions)	
Cash (used for) provided by operating activities	$ (1.9)	$ 29.0
Cash used for investing activities	$ (13.7)	$ (8.1)
Cash provided by (used for) financing activities	$ 16.5	$ (24.3)

Operating Activities. Operating cash flows for the six months ended April 30, 2022 declined approximately $30.9 million compared to the six months ended April 30, 2021. The decline in operating cash flows is primarily due to unfavorable changes in working capital partially offset by higher net income year-over-year due to increased demand. The unfavorable changes in working capital was largely driven by an increase in inventory value due to raw material price inflation and a higher payout of accrued incentives.

Investing Activities. Cash used for investing activities increased $5.6 million for the six months ended April 30, 2022 compared to the same period in 2021, primarily as a result of an increase in capital expenditures and a decrease in proceeds from dispositions.

Financing Activities. Cash provided by financing activities was $16.5 million for the six months ended April 30, 2022, which included $24.6 million of net debt borrowings partially offset by $5.3 million of dividends paid to our shareholders, $1.6 million purchase of treasury stock and $1.4 million of payroll tax paid to settle shares forfeited upon vesting of stock.

Liquidity Requirements

Historically, our strategy for deploying cash has been to invest in organic growth opportunities, develop our infrastructure, and explore strategic acquisitions. Other uses of cash include paying cash dividends to our shareholders and repurchasing our common stock. During the six months ended April 30, 2022 and 2021, we repatriated $4.1 million and $8.8 million, respectively, of foreign earnings from our foreign locations. We maintain cash balances in foreign countries which total $10.6 million as of April 30, 2022.

Critical Accounting Policies and Estimates

The preparation of our financial statements in accordance with accounting principles generally accepted in the U.S. (U.S. GAAP) requires us to make estimates and assumptions that affect the reported amount of assets, liabilities, revenues and expenses and related disclosures of contingent assets and liabilities. Estimates and assumptions about future events and their effects cannot be perceived with certainty. Estimates may change as new events occur, as more experience is acquired, as additional information becomes available and as our operating environment changes. We base our estimates on historical experience and on various other assumptions that we believe are reasonable under the circumstances, and that we believe provide a basis for making judgments about the carrying value of assets and liabilities that are not readily available through open market quotes. We must use our judgment with regard to uncertainties in order to make these estimates. Actual results could differ from these estimates.

For a description of our critical accounting policies and estimates, see our Annual Report on Form 10-K for the fiscal year ended October 31, 2021. Our critical accounting policies and estimates have not changed materially during the six months ended April 30, 2022.

While there have been no changes in the application of principles, methods, and assumptions used to determine our significant estimates, we may be required to revise certain accounting estimates and judgments related to the economic and business impact of the COVID-19 pandemic, such as, but not limited to, those related to the valuation of goodwill, intangibles, long-lived assets, accounts receivable, and inventory, which could have a material adverse effect on our financial position and results of operations.

New Accounting Pronouncements

From time to time, new accounting pronouncements are issued by the Financial Accounting Standards Board (FASB) or other standards setting bodies that we adopt as of the specified effective date. We did not adopt any new accounting pronouncements during the three and six months ended April 30, 2022. As of April 30, 2022, we believe the impact of any recently issued standards that are not yet effective are either not applicable to us at this time or will not have a material impact on our condensed consolidated financial statements upon adoption.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

The following discussion of our exposure to various market risks contains “forward looking statements” regarding our estimates, assumptions and beliefs concerning our exposure. Although we believe these estimates and assumptions are reasonable in light of information currently available to us, we cannot provide assurance that these estimates will not materially differ from actual results due to the inherent unpredictability of interest rates, foreign currency rates and commodity prices as well as other factors. We do not use derivative financial instruments for speculative or trading purposes.

Interest Rate Risk

Our outstanding debt bears interest at variable rates and accordingly is sensitive to changes in interest rates. Based upon the balances of the variable rate debt at April 30, 2022, a hypothetical 1.0% increase or decrease in interest rates could result in approximately $0.6 million of additional pretax charges or credit to our net income per year. This sensitivity is impacted by the amount of borrowings under our credit facilities, and amounts outstanding under finance leases.

Foreign Currency Rate Risk

Our international operations have exposure to foreign currency rate risks, primarily due to fluctuations in the Euro, the British Pound Sterling and the Canadian Dollar. From time to time, we enter into foreign exchange contracts associated with our operations to manage a portion of the foreign currency rate risk. Less than $0.1 million of foreign currency derivatives were included in total assets as of April 30, 2022. There were no corresponding foreign currency derivatives as of October 31, 2021. These foreign currency derivative contracts hedge cross-border intercompany and commercial activity for our insulating glass spacer business. Although these derivatives hedge our exposure to fluctuations in foreign currency rates, we do not apply hedge accounting and therefore, the change in the fair value of these foreign currency derivatives is recorded directly to other income and expense in the accompanying condensed consolidated statements of income. To the extent the gain or loss on the derivative instrument offsets the gain or loss from the re-measurement of the underlying foreign currency balance, changes in exchange rates should have no effect.

Commodity Price Risk

We purchase PVC as the significant raw material consumed in the manufacture of vinyl extrusions. We have resin adjusters in place with a majority of our customers and our resin supplier that is adjusted based upon published indices for lagging resin prices. These adjusters effectively share the base pass-through price changes of PVC with our customers commensurate with the market at large. Our long-term exposure to changes in PVC prices is somewhat mitigated due to the contractual component of the resin adjuster program. However, there is a level of exposure to short-term volatility due to timing lags.

We adjust the pricing of petroleum-based raw materials for the majority of our customers who purchase products using these materials. This is intended to offset the fluctuating cost of products which are highly correlated to the price of oil including butyl and other oil-based raw materials. This program is adjusted monthly based upon the 90-day average published price for Brent crude. The oil-based raw materials that we purchase are subject to similar pricing schemes. As such, our long-term exposure to increases in oil-based raw material prices is significantly reduced under this program.

Similarly, NA Cabinet Components includes a price index provision in the majority of its customer arrangements to insulate against significant fluctuations in the price for various hardwood products used as the primary raw material for kitchen and bathroom cabinet doors. Like our vinyl extrusion business, we are exposed to short-term volatility in wood prices due to a lag in the timing of price updates which generally could extend for up to three months.

We have begun implementing additional programs for other raw materials to facilitate more accurate pricing and reduce our exposure to changing material costs when necessary, however these are also subject to timing lags. While we maintain surcharges and other adjusters to manage our exposure to changes in the prices of our critical raw materials, we use several commodities in our business that are not covered by contractual surcharges or adjusters for which pricing can fluctuate, including PVC compound micro ingredients, silicone and other inputs. Further discussion of our industry risks is included within our Annual Report on Form 10-K for the fiscal year ended October 31, 2021.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

Under the supervision and with the participation of our management, including the Chief Executive Officer and Chief Financial Officer, we have evaluated the effectiveness of our disclosure controls and procedures pursuant to Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934 (1934 Act) as of April 30, 2022. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that, as of April 30, 2022, the disclosure controls and procedures are effective.

Changes in Internal Control over Financial Reporting

There have been no changes in internal controls over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the 1934 Act) during the most recent fiscal quarter that have materially affected or are reasonably likely to materially affect our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Issuer Purchases of Equity Securities

During the three months ended April 30, 2022, we repurchased common stock as follows:

Period	(a) Total Number of Shares Purchased	(b) Average Price Paid per Share	(c) Total Number of Shares Purchased as Part of a Publicly Announced Plans or Programs [1]	(d) Maximum US Dollars Remaining that May Yet Be Used to Purchase Shares Under the Plans or Programs [1]
February 2022	—	$ —	—	$ 75,000,000
March 2022	—	—	—	$ 75,000,000
April 2022	75,000	20.92	75,000	$ 73,430,997
Total	75,000	$ 20.92	75,000	

[1] In December 2021, our Board of Directors approved a stock repurchase program that authorized the repurchase of up to $75.0 million worth of shares of our common stock. Repurchases under the new program are made in open market transactions or privately negotiated transactions, subject to market conditions, applicable legal requirements and other relevant factors. The program does not have an expiration date or a limit on the number of shares that may be purchased.

Item 6. Exhibits

The exhibits required to be furnished pursuant to Item 6 are listed in the Exhibit Index filed herewith, which Exhibit Index is incorporated herein by reference.

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.

	QUANEX BUILDING PRODUCTS CORPORATION
Date: June 3, 2022	/s/ Scott M. Zuehlke
	Scott M. Zuehlke Senior Vice President - Chief Financial Officer & Treasurer (Principal Financial Officer)

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EXHIBIT INDEX

Exhibit Number	Description of Exhibits
3.1	Restated Certificate of Incorporation of the Registrant dated as of March 4, 2016, filed as Exhibit 3.1 of the Registrant's Current Report on Form 8-K (Reg. No. 001-33913) as filed with the Securities and Exchange Commission on March 7, 2016, and incorporated herein by reference.
3.2	Fourth Amended and Restated Bylaws of the Registrant dated as of February 27, 2020, filed as Exhibit 3.2 of the Registrant's Quarterly Report on Form 10-Q (Reg. No. 001-33913) for the quarter ended January 31, 2020, and incorporated herein by reference.
4.1	Form of Registrant's Common Stock certificate, filed as Exhibit 4.1 of Amendment No. 1 to the Registrant's Registration Statement on Form 10 (Reg. No. 001-33913) as filed with the Securities and Exchange Commission on February 14, 2008, and incorporated herein by reference.
4.2	Credit Agreement dated as of October 18, 2018, by and among the Company; the lenders party thereto; and Wells Fargo Bank, National Association, as Agent; filed as Exhibit 10.1 of the Registrant's Current Report on Form 8-K (Reg. No. 001-33913) as filed with the Securities and Exchange Commission on October 18, 2018, and incorporated herein by reference.
4.3	Amendment No. 1 to Amended and Restated Credit Agreement, by and among the Company; the lenders party thereto; and Wells Fargo Bank, National Association, as Agent (portions redacted). filed as Exhibit 4.3 of the Registrant's Quarterly Report on Form 10-Q (Reg. No. 001-33913) for the quarter ended July 31, 2020, and incorporated herein by reference.
4.4	Amendment No. 2 to Amended and Restated Credit Agreement dated as of December 28, 2021 by and among Quanex Building Products Corporation, the lenders thereto and Wells Fargo Bank, National Association as Agent, filed as Exhibit 10.1 of the Registrant's Current Report on Form 8-K (Reg. No. 001-33913) as filed with the Securities and Exchange Commission on January 3. 2022, and incorporated herein by reference.
*31.1	Certification by chief executive officer pursuant to Rule 13a-14(a)/15d-14(a).
*31.2	Certification by chief financial officer pursuant to Rule 13a-14(a)/15d-14(a).
*32.1	Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
*101.INS	XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.
*101.SCH	XBRL Taxonomy Extension Schema Document
*101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
*101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
*101.LAB	XBRL Taxonomy Extension Label Linkbase Document
*101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

* Filed herewith

As permitted by Item 601(b)(4)(iii)(A) of Regulation S-K, the Registrant has not filed with this Quarterly Report on Form 10-Q certain instruments defining the rights of holders of long-term debt of the Registrant and its subsidiaries because the total amount of securities authorized under any of such instruments does not exceed 10% of the total assets of the Registrant and its subsidiaries on a consolidated basis. The Registrant agrees to furnish a copy of any such agreements to the Securities and Exchange Commission upon request.

Exhibit 31.1

CHIEF EXECUTIVE OFFICER CERTIFICATION

I, George L. Wilson, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Quanex Building Products Corporation (the “Registrant”);
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;
   b. 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;
   c. 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.

June 3, 2022

/s/ George L. Wilson

George L. Wilson
President and Chief Executive Officer
(Principal Executive Officer)

Exhibit 31.2

CHIEF FINANCIAL OFFICER CERTIFICATION

I, Scott M. Zuehlke, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Quanex Building Products Corporation (the "Registrant");
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;
   b. 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;
   c. 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.

June 3, 2022

/s/ Scott M. Zuehlke

Scott M. Zuehlke
Senior Vice President - Chief Financial Officer and Treasurer
(Principal Financial Officer)

Exhibit 32.1

Certification Pursuant To Section 906 of the Sarbanes-Oxley Act of 2002

We hereby certify that the accompanying Quarterly Report on Form 10-Q of Quanex Building Products Corporation for the quarter ended April 30, 2022 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in such Report fairly presents, in all material respects, the financial condition and results of operations of Quanex Building Products Corporation.

June 3, 2022

/s/ George L. Wilson	/s/ Scott M. Zuehlke
George L. Wilson	Scott M. Zuehlke
President and Chief Executive Officer	*Senior Vice President—Chief Financial Officer and Treasurer*
(Principal Executive Officer)	*(Principal Financial Officer)*