

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

FORM 10-Q

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

For the quarterly period ended March 31, 2018

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 001-35971



Ireland
*(State or other jurisdiction of
incorporation or organization)*

98-1108930
*(I.R.S. Employer
Identification No.)*

Block D
Iveagh Court
Harcourt Road
Dublin 2, Ireland
(Address of principal executive offices, including zip code)

+(353) (1) 2546200
(Registrant's telephone number, including area code)

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 and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post 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 definition of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer

Non-accelerated filer Smaller reporting company

(Do not check if a smaller reporting company)

Emerging growth company

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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 Exchange 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 ordinary shares outstanding of Allegion plc as of April 23, 2018 was 94,959,392 .

ALLEGION PLC

FORM 10-Q

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PART I-FINANCIAL INFORMATION

Item 1. Financial Statements

ALLEGION PLC
CONDENSED AND CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Unaudited)

<i>In millions, except per share amounts</i>	Three months ended March 31,	
	2018	2017
Net revenues	\$ 613.1	\$ 548.8
Cost of goods sold	355.3	307.6
Selling and administrative expenses	159.1	141.7
Operating income	98.7	99.5
Interest expense	12.9	15.9
Other (income) expense, net	(0.4)	1.3
Earnings before income taxes	86.2	82.3
Provision for income taxes	13.8	13.6
Net earnings	72.4	68.7
Less: Net earnings attributable to noncontrolling interests	0.2	0.3
Net earnings attributable to Allegion plc	\$ 72.2	\$ 68.4
Earnings per share attributable to Allegion plc ordinary shareholders:		
Basic net earnings	\$ 0.76	\$ 0.72
Diluted net earnings	\$ 0.75	\$ 0.71
Weighted-average shares outstanding		
Basic	95.1	95.3
Diluted	95.8	96.1
Dividends declared per ordinary share	\$ 0.21	\$ 0.16
Total comprehensive income	\$ 99.5	\$ 81.7
Less: Total comprehensive income attributable to noncontrolling interests	1.2	0.5
Total comprehensive income attributable to Allegion plc	\$ 98.3	\$ 81.2

See accompanying notes to condensed and consolidated financial statements.

ALLEGION PLC
CONDENSED AND CONSOLIDATED BALANCE SHEETS
(Unaudited)

<i>In millions</i>	March 31, 2018	December 31, 2017
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 151.8	\$ 466.2
Accounts and notes receivable, net	336.4	296.6
Inventories	271.5	239.8
Other current assets	42.9	30.1
Total current assets	802.6	1,032.7
Property, plant and equipment, net	277.4	252.2
Goodwill	878.0	761.2
Intangible assets, net	545.8	394.3
Other noncurrent assets	124.3	101.6
Total assets	\$ 2,628.1	\$ 2,542.0
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 197.5	\$ 188.3
Accrued expenses and other current liabilities	219.3	237.5
Short-term borrowings and current maturities of long-term debt	35.3	35.0
Total current liabilities	452.1	460.8
Long-term debt	1,474.1	1,442.3
Other noncurrent liabilities	240.8	233.4
Total liabilities	2,167.0	2,136.5
Equity:		
Allegion plc shareholders' equity:		
Ordinary shares, \$0.01 par value (94,953,338 and 95,062,385 shares issued and outstanding at March 31, 2018 and December 31, 2017, respectively)	0.9	1.0
Capital in excess of par value	—	9.1
Retained earnings	581.9	544.4
Accumulated other comprehensive loss	(126.8)	(152.9)
Total Allegion plc shareholders' equity	456.0	401.6
Noncontrolling interests	5.1	3.9
Total equity	461.1	405.5
Total liabilities and equity	\$ 2,628.1	\$ 2,542.0

See accompanying notes to condensed and consolidated financial statements.

ALLEGION PLC
CONDENSED AND CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

<i>In millions</i>	Three months ended	
	March 31,	
	2018	2017
Cash flows from operating activities:		
Net earnings	\$ 72.4	\$ 68.7
Adjustments to arrive at net cash used in operating activities:		
Depreciation and amortization	22.5	16.5
Discretionary pension plan contribution	—	(50.0)
Changes in assets and liabilities and other non-cash items	(105.0)	(76.1)
Net cash used in operating activities	(10.1)	(40.9)
Cash flows from investing activities:		
Capital expenditures	(8.7)	(7.8)
Acquisition of and equity investments in businesses, net of cash acquired	(276.3)	(20.8)
Other investing activities, net	0.1	0.8
Net cash used in investing activities	(284.9)	(27.8)
Cash flows from financing activities:		
Short-term borrowings, net	—	(1.1)
Proceeds from revolving facility	40.0	—
Payments of long-term debt	(8.8)	(11.8)
Net proceeds from (repayments of) debt	31.2	(12.9)
Dividends paid to ordinary shareholders	(19.7)	(15.2)
Repurchase of ordinary shares	(30.0)	(30.0)
Other financing activities, net	(2.4)	2.1
Net cash used in financing activities	(20.9)	(56.0)
Effect of exchange rate changes on cash and cash equivalents	1.5	1.9
Net decrease in cash and cash equivalents	(314.4)	(122.8)
Cash and cash equivalents - beginning of period	466.2	312.4
Cash and cash equivalents - end of period	\$ 151.8	\$ 189.6

See accompanying notes to condensed and consolidated financial statements.

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 1 – Basis of Presentation

The accompanying Condensed and Consolidated Financial Statements of Allegion plc, an Irish public limited company, and its consolidated subsidiaries ("Allegion" or the "Company"), reflect the consolidated operations of the Company and have been prepared in accordance with United States Securities and Exchange Commission ("SEC") interim reporting requirements. Accordingly, the accompanying Condensed and Consolidated Financial Statements do not include all disclosures required by accounting principles generally accepted in the United States of America ("GAAP") for full financial statements and should be read in conjunction with the consolidated financial statements included in the Allegion Annual Report on Form 10-K for the year ended December 31, 2017. In the opinion of management, the accompanying Condensed and Consolidated Financial Statements contain all adjustments, which include normal recurring adjustments, necessary to state fairly the consolidated unaudited results for the interim periods presented.

Note 2 – Recent Accounting Pronouncements

Recently Adopted Accounting Pronouncements:

In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers" (ASC 606). ASC 606 is a single, comprehensive revenue recognition model for all contracts with customers. The model is based on changes in contract assets (rights to receive consideration) and liabilities (obligations to provide a good or perform a service). Revenue is recognized based on the satisfaction of performance obligations, which occurs when control of a good or service transfers to a customer. ASC 606

contains expanded disclosure requirements relating to the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. ASC 606 allows entities to adopt the standard on either a full retrospective approach or report the cumulative effect as of the date of adoption ("modified retrospective method"). The FASB has also issued the following standards which clarify ASU 2014-09: ASU 2017-14, Revenue Recognition, Revenue from Contracts with Customers: Amendments to SEC Paragraphs Pursuant to Staff Accounting Bulletin No. 116 and SEC Release No. 33-10403, ASU 2017-13, Revenue Recognition, Revenue from Contracts with Customers: Amendments to SEC Paragraphs Pursuant to the Staff Announcement at the July 20, 2017 EITF Meeting and Rescission of Prior SEC Staff Announcements and Observer Comments, ASU 2016-20, Revenue from Contracts with Customers: Technical Corrections and Improvements, ASU 2016-12, Revenue from Contracts with Customers: Narrow-Scope Improvements and Practical Expedients and ASU 2016-10, Revenue from Contracts with Customers: Identifying Performance Obligations and Licensing. The Company adopted each of these standards on January 1, 2018 on a modified retrospective basis. The impact of adopting the new standards was not material to the Company's Condensed and Consolidated financial statements at January 1, 2018 or for the three months ended March 31, 2018, and no cumulative effect adjustment was recorded to opening retained earnings. Expanded disclosure as required by the new standards is presented within Note 17 to the Condensed and Consolidated Financial Statements.

In August 2016, the FASB issued ASU 2016-15, "Statement of Cash Flows (Topic 230): Clarification of Certain Cash Receipts and Cash Payments." ASU 2016-15 eliminates the diversity in practice related to the classification of certain cash receipts and payments in the statement of cash flows, by adding or clarifying guidance on eight specific cash flow issues. The ASU is effective for annual and interim reporting periods beginning after December 15, 2017, and as such, the Company adopted ASU 2016-15 on January 1, 2018. The amendments in this update are required to be applied retrospectively to all periods presented. The adoption of ASU 2016-15 did not have a material impact on the Condensed and Consolidated Financial Statements.

In January 2017, the FASB issued ASU 2017-01, "Business Combinations (Topic 805): Clarifying the Definition of a Business." This update provides guidance to assist companies in evaluating whether transactions should be accounted for as acquisitions (or disposals) of assets or businesses. The update provides a more robust framework to use in determining when a set of transferred assets and activities is a business. This ASU is effective for annual and interim reporting periods beginning after December 15, 2017, and requires prospective adoption. The Company adopted ASU 2017-01 on January 1, 2018. The adoption of ASU 2017-01 did not have a material impact on the Condensed and Consolidated Financial Statements.

In March 2017, the FASB issued ASU 2017-07, "Compensation—Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost." ASU 2017-07 requires that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. The other components of net benefit cost are required to be presented in the statement of comprehensive income separately from the service cost component and outside a subtotal of operating income. ASU 2017-07 also allows only the service cost component to be eligible for capitalization when applicable (for example, as a cost of internally manufactured

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

inventory or a self-constructed asset). The ASU is effective for annual periods beginning after December 15, 2017, and as such, the Company adopted ASU 2017-07 on January 1, 2018. The Company has applied ASU 2017-07 retrospectively for the presentation of the service cost component and the other components of net periodic pension cost and net periodic postretirement benefit cost in the Condensed and Consolidated Statements of Comprehensive Income and prospectively for the capitalization of the service cost component of net periodic pension cost and net periodic postretirement benefit in assets. The adoption of ASU 2017-07 did not have a material impact on the Condensed and Consolidated Financial Statements.

In August 2017, the FASB issued ASU 2017-12, "Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities." ASU 2017-12 addresses previous limitations on how an entity can designate the hedged risk in certain cash flow and fair value hedging relationships by expanding and refining hedge accounting for both nonfinancial and financial risk components and aligning the recognition and presentation of the effects of the hedging instrument and the hedged item in the financial statements. The ASU is effective for annual periods beginning after December 15, 2018, with early adoption permitted. The Company elected to early adopt the provisions of ASU 2017-12 on January 1, 2018. The amendments in this update have been applied to hedging relationships existing on the date of adoption. The adoption of ASU 2017-12 did not have a material impact on the Condensed and Consolidated Financial Statements.

In March 2018, the FASB issued ASU 2018-05, "Income Taxes (Topic 740): Amendments to SEC Paragraphs Pursuant to SEC Staff Accounting Bulletin No. 118". The overarching purpose of ASU 2018-05 is to codify the guidance issued by the SEC related to income tax accounting implications due to the comprehensive U.S. tax legislation commonly referred to as the Tax Cuts and Jobs Act enacted on December 22, 2017 (the "Tax Reform Act"), as originally discussed within Staff Accounting Bulletin No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act (SAB 118) within ASC 740, Income Taxes. SAB 118, and now ASC 740 provide a measurement period, which in no case should extend beyond one year from the Tax Reform Act enactment date, during which a company acting in good faith may complete the accounting for the impacts of the Tax Reform Act. To the extent that a company's accounting for certain income tax effects of the Tax Reform Act is incomplete, the company can determine a reasonable estimate for those effects and record a provisional estimate in the financial statements in the first reporting period in which a reasonable estimate can be determined. If a company cannot determine a provisional estimate to be included in the financial statements, the company should continue to apply ASC 740 based on the provisions of the tax laws that were in effect immediately prior to the Tax Reform Act being enacted. At December 31, 2017, the Company recorded a provisional valuation allowance related to interest limitation carryforwards and other adjustments to the net deferred tax assets, with a corresponding discrete net tax charge of \$22.8 million. On April 2, 2018, IRS Notice 2018-28 was issued to provide guidance to assist taxpayers in complying with providing transition guidance related to interest limitation carryforwards recorded at the enactment date. Management is in process of evaluating IRS Notice 2018-28 and assessing its impact on the provisional valuation allowance recorded at December 31, 2017. The Company will continue to analyze the effects of the Tax Reform Act on its Condensed and Consolidated Financial Statements. Additional impacts from the enactment of the Tax Reform Act will be recorded as they are identified during the measurement period as provided for in SAB 118, which extends up to one year from the enactment date. No adjustments were made to the provisional amounts previously recognized during the three months ended March 31, 2018.

Recently Issued Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, "Leases (Topic 842)." ASU 2016-02 requires the identification of arrangements that should be accounted for as leases by lessees. In general, for lease arrangements exceeding a twelve month term, these arrangements will be recognized as assets and liabilities on the balance sheet of the lessee. Under ASU 2016-02, a right-of-use asset and lease obligation will be recorded for all leases, whether operating or financing, while the income statement will reflect lease expense for operating leases and amortization/interest expense for financing leases. The ASU is effective for annual periods beginning after December 15, 2018, and interim periods within those annual periods. Early adoption is permitted. ASU 2016-02 is required to be applied with a modified retrospective approach to each prior reporting period presented with various optional practical expedients. The Company is continuing to assess what impact ASU 2016-02 will have on the Condensed and Consolidated Financial Statements; however, the Company anticipates that this adoption will result in a significant gross-up of assets and liabilities on its Condensed and Consolidated Balance Sheets and will require changes to its systems and processes.

In June 2016, the FASB issued ASU 2016-13, "Financial Instruments-Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments." The new guidance introduces an approach based on expected losses to estimate credit losses on certain types of financial instruments. The ASU will be effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. Early adoption is permitted. The Company is assessing what impact ASU 2016-13 will have on the Condensed and Consolidated Financial Statements.

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NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

In February 2018, the FASB issued ASU 2018-02, "Income Statement-Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income." The new guidance permits entities to reclassify tax effects stranded in accumulated other comprehensive income (AOCI) as a result of the Tax Reform Act. ASU 2018-02 provides this option not only for the impact to deferred tax assets and liabilities due to the reduction in the U.S. tax rate, but also for tax effects stranded in AOCI for other reasons specific to the Tax Reform Act, such as state taxes or transitioning to a territorial tax system. Tax effects that are stranded in AOCI for reasons not relating to the Tax Reform Act may not be reclassified under ASU 2018-02. This ASU is effective for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. Early adoption is permitted. Entities that adopt the ASU in an annual or interim period after the period of enactment are able to choose whether to apply the amendments retrospectively to each period in which the effect of the Tax Reform Act is recognized or to apply the amendments in the period of adoption. The Company is currently assessing what impact ASU 2018-02 will have on the Condensed and Consolidated Financial Statements.

Note 3 – Inventories

Inventories are stated at the lower of cost and net realizable value using the first-in first-out (FIFO) method.

The major classes of inventory were as follows:

<i>In millions</i>	March 31, 2018	December 31, 2017
Raw materials	\$ 84.8	\$ 66.6
Work-in-process	33.7	29.8
Finished goods	153.0	143.4
Total	<u>\$ 271.5</u>	<u>\$ 239.8</u>

Note 4 – Goodwill

The changes in the carrying amount of goodwill for the three months ended March 31, 2018 were as follows:

<i>In millions</i>	Americas	EMEIA	Asia Pacific	Total
December 31, 2017 (gross)	\$ 375.2	\$ 769.8	\$ 101.7	\$ 1,246.7
Accumulated impairment	—	(478.6)	(6.9)	(485.5)
December 31, 2017 (net)	375.2	291.2	94.8	761.2
Acquisitions	97.1	9.4	—	106.5
Currency translation	0.3	7.9	2.1	10.3
March 31, 2018 (net)	<u>\$ 472.6</u>	<u>\$ 308.5</u>	<u>\$ 96.9</u>	<u>\$ 878.0</u>

Note 5 – Intangible Assets

The gross amount of the Company's intangible assets and related accumulated amortization were as follows:

<i>In millions</i>	March 31, 2018			December 31, 2017		
	Gross carrying amount	Accumulated amortization	Net carrying amount	Gross carrying amount	Accumulated amortization	Net carrying amount
Completed technologies/patents	\$ 57.3	\$ (11.3)	\$ 46.0	\$ 32.6	\$ (10.0)	\$ 22.6
Customer relationships	411.9	(80.7)	331.2	324.5	(74.1)	250.4
Trade names (finite-lived)	91.4	(48.3)	43.1	89.0	(46.1)	42.9
Other	14.9	(8.6)	6.3	7.9	(4.9)	3.0
Total finite-lived intangible assets	575.5	\$ (148.9)	426.6	454.0	\$ (135.1)	318.9
Trade names (indefinite-lived)	119.2		119.2	75.4		75.4
Total	<u>\$ 694.7</u>		<u>\$ 545.8</u>	<u>\$ 529.4</u>		<u>\$ 394.3</u>

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Intangible asset amortization expense was \$10.1 million and \$5.2 million for the three months ended March 31, 2018 and 2017 . Future estimated amortization expense on existing intangible assets in each of the next five years amounts to approximately \$ 34.5 million for full year 2018 , \$ 27.5 million for 2019 , \$ 27.5 million for 2020 , \$ 27.5 million for 2021 , and \$ 27.5 million for 2022 .

Note 6 – Acquisitions and Investments in Unconsolidated Entities

2018

During the three months ended March 31, 2018 , the Company completed four acquisitions:

Business	Date
Technical Glass Products, Inc. ("TGP")	January 2018
Hammond Enterprises, Inc. ("Hammond")	January 2018
Qatar Metal Industries LLC ("QMI")	February 2018
AD Systems, Inc. ("AD Systems")	March 2018

In January 2018, the Company acquired 100% of TGP through one of its subsidiaries. TGP provides glass and framing solutions for commercial buildings, as well as non-fire rated architectural glass and framing, including channel glass systems and curtain walls throughout the United States, Canada, and select markets in the Middle East. TGP has been integrated into the Company's Americas and EMEIA segments.

In January 2018, the Company acquired 100% of the machinery, equipment, and intellectual property of a division of Hammond through one of its subsidiaries. The assets acquired have been integrated into the Company's existing production facilities and are specific to the Company's Schlage branded products.

In February 2018, the Company acquired 100% of QMI through one of its subsidiaries. QMI specializes in fire rated and non-fire rated steel and wooden doors, acoustic doors, and wooden cabinets, as well as fire rated curtain wall systems and access panels in Qatar, Saudi Arabia, Bahrain, Oman, Kuwait, the United Arab Emirates, and Africa. QMI has been integrated into the Company's EMEIA segment.

In March 2018, the Company acquired 100% of AD Systems through one of its subsidiaries. AD Systems designs and manufactures high-performance interior and storefront door systems, specializing in sliding and acoustic solutions. AD Systems' portfolio includes sliding and swinging doors, perimeter frames, door hardware, gasketing, seals and sidelite panels. AD Systems has been integrated into the Company's Americas segment.

Total consideration paid for these four acquisitions during the three months ended March 31, 2018 at closing was approximately \$271 million (net of cash acquired). As of March 31, 2018, the Company estimates the fair value of future consideration to be paid, including contingent consideration, to be approximately \$12 million . Cash on hand was utilized to fund these acquisitions. The preliminary allocation of the aggregate purchase price to assets acquired and liabilities assumed for the acquisitions described above is as follows:

<i>In millions</i>	
Accounts receivable, net	\$ 19.0
Inventories	16.9
Other current assets	2.1
Property, plant and equipment, net	25.0
Goodwill	106.5
Intangible assets, net	151.9
Other noncurrent assets	0.8
Accounts payable	(8.4)
Accrued expenses and other current liabilities	(31.3)
Total consideration	<u>\$ 282.5</u>

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Intangible assets are primarily comprised of trade names, acquired customer lists, and developed technologies. Goodwill results from several factors including Allegion-specific synergies that were excluded from the cash flow projections used in the valuation of intangible assets and intangible assets that do not qualify for separate recognition, for example, assembled workforce. The majority of the goodwill is expected to be deductible for tax purposes. The preliminary purchase price allocations for the acquisitions are pending completion of valuations for certain assumed liabilities, finalization of working capital adjustments, and calculation of deferred tax balances. These acquisitions are accounted for as business combinations.

The following unaudited pro forma financial information for the three months ended March 31, 2018 reflects the consolidated results of operations of the Company as if these acquisitions had taken place on January 1, 2017:

<i>In millions, except per share amounts</i>	Three months ended March 31, 2018	Three months ended March 31, 2017
Net revenues	\$ 616.8	\$ 578.5
Net earnings attributable to Allegion plc	\$ 75.3	\$ 66.0
Basic net earnings per share	\$ 0.79	\$ 0.69
Diluted net earnings per share	\$ 0.79	\$ 0.69

The unaudited pro forma financial information is presented for informational purposes only and does not purport to be indicative of results of operations that would have occurred had the pro forma events taken place on the date indicated or the future consolidated results of operations of the combined company. The unaudited pro forma financial information has been calculated after applying the Company's accounting policies and adjusting the historical financial results to reflect additional items directly attributable to the acquisitions that would have been incurred assuming the acquisitions had occurred on January 1, 2017. Adjustments to historical financial information include approximately \$3.3 million (net of tax) of acquisition and integration costs and additional amortization of \$2.9 million (net of tax) included in the three months ended March 31, 2017 in the pro forma table above. Approximately \$2.0 million (net of tax) of the additional amortization relates to backlog revenue acquired by the Company, which is recorded in Cost of goods sold.

The following financial information reflects Net revenues and Earnings before income taxes of the acquisitions for the three months ended March 31, 2018 since their respective acquisition dates included in the Condensed and Consolidated Statement of Comprehensive Income:

<i>In millions</i>	Three months ended March 31, 2018
Net revenues	\$ 26.0
Earnings before income taxes	\$ (1.1)

During the three months ended March 31, 2018 and 2017, the Company incurred \$2.0 million and \$0.2 million, respectively, of acquisition and integration related costs. These expenses are included in Selling and administrative expenses in the Condensed and Consolidated Statements of Comprehensive Income.

During the three months ended March 31, 2018, the Company also made investments in two unconsolidated entities, Yonomi Inc., a U.S. based mobile application and cloud platform provider for connected living, and Nuki GmbH, a European retrofit residential smart lock innovator. These investments are accounted for using the equity method.

2017

In January 2017, the Company acquired Republic Doors & Frames, LLC ("Republic") through one of its subsidiaries. This acquisition did not have a material impact on the Condensed and Consolidated Financial Statements.

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Note 7 – Debt and Credit Facilities

At March 31, long-term debt and other borrowings consisted of the following:

<i>In millions</i>	March 31, 2018	December 31, 2017
Term Facility	\$ 682.5	\$ 691.3
Revolving Facility	40.0	—
3.200% Senior Notes due 2024	400.0	400.0
3.550% Senior Notes due 2027	400.0	400.0
Other debt	1.4	1.0
Total borrowings outstanding	1,523.9	1,492.3
Less discounts and debt issuance costs, net	(14.5)	(15.0)
Total debt	1,509.4	1,477.3
Less current portion of long-term debt	35.3	35.0
Total long-term debt	\$ 1,474.1	\$ 1,442.3

Unsecured Credit Facilities

As of March 31, 2018, the Company has an unsecured Credit Agreement in place that provides for up to \$1,200.0 million in unsecured financing, consisting of a \$700.0 million term loan facility (the “Term Facility”) and a \$500.0 million revolving credit facility (the “Revolving Facility”) and, together with the Term Facility, the “Credit Facilities”). The Credit Facilities mature on September 12, 2022 and are unconditionally guaranteed jointly and severally on an unsecured basis by the Company and Allegion US Holding Company Inc. (“Allegion US Hold Co”), the Company's wholly-owned subsidiary.

The Term Facility amortizes in quarterly installments at the following rates: 1.25% per quarter starting December 31, 2017 through December 31, 2020, 2.5% per quarter from March, 31, 2021 through June 30, 2022, with the balance due on September 12, 2022. The Company repaid \$8.8 million of principal on its Term Facility during the three months ended March 31, 2018.

The Revolving Facility provides aggregate commitments of up to \$500.0 million, which includes up to \$100.0 million for the issuance of letters of credit. At March 31, 2018, the Company had \$40.0 million outstanding on the Revolving Facility, and the Company had \$17.5 million of letters of credit outstanding.

Outstanding borrowings under the Credit Facilities accrue interest, at the option of the Company of (i) a LIBOR rate plus the applicable margin or (ii) a base rate plus the applicable margin. The applicable margin ranges from 1.125% to 1.500% depending on the Company's credit ratings. At March 31, 2018, the outstanding borrowings under the Credit Facilities accrue interest at LIBOR plus a margin of 1.250%. To manage the Company's exposure to fluctuations in LIBOR rates, the Company has interest rate swaps to fix the interest rate for \$250.0 million of the outstanding borrowings (see Note 8).

The Credit Facilities contain negative and affirmative covenants and events of default that, among other things, limit or restrict the Company's ability to enter into certain transactions. In addition, the Credit Facilities require the Company to comply with a maximum leverage ratio and a minimum interest expense coverage ratio, as defined within the agreement. As of March 31, 2018, the Company was in compliance with all covenants.

Senior Notes

As of March 31, 2018, Allegion US Hold Co has \$400.0 million outstanding of its 3.200% Senior Notes due 2024 (the “3.200% Senior Notes”) and \$400.0 million outstanding of its 3.550% Senior Notes due 2027 (the “3.550% Senior Notes”) and, together with the 3.200% Senior Notes, the “Notes”). The Notes require semi-annual interest payments on April 1 and October 1 of each year, and will mature on October 1, 2024 and October 1, 2027, respectively.

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The Notes are senior unsecured obligations of Allegion US Hold Co and rank equally with all of Allegion US Hold Co's existing and future senior unsecured and unsubordinated indebtedness. The guarantee of the Notes is the senior unsecured obligation of the Company and ranks equally with all of the Company's existing and future senior unsecured and unsubordinated indebtedness.

The weighted-average interest rate for borrowings was 3.20% under the Credit Facilities (including the effect of interest rate swaps), 3.200% under the 3.200% Senior Notes and 3.550% under the 3.550% Senior Notes at March 31, 2018.

Note 8 – Financial Instruments

In the normal course of business, the Company uses various financial instruments, including derivative instruments, to manage the risks associated with interest and currency rate exposures. These financial instruments are not used for trading or speculative purposes.

Within the fiscal quarter a derivative contract is entered into, the Company designates the derivative instrument as a cash flow hedge of a forecasted transaction, a cash flow hedge of a recognized asset or liability, or as an undesignated derivative. The Company formally documents its hedge relationships, including identification of the derivative instruments and the hedged items, as well as its risk management objectives and strategies for undertaking the hedge transaction. This process includes linking derivative instruments that are designated as hedges to specific assets, liabilities or forecasted transactions.

The fair market value of derivative instruments is determined through market-based valuations and may not be representative of the actual gains or losses that will be recorded when these instruments mature due to future fluctuations in the markets in which they are traded.

The Company assesses at inception and at least quarterly thereafter, whether the derivatives used in cash flow hedging transactions are highly effective in offsetting the changes in the cash flows of the hedged item. To the extent the derivative is deemed to be a highly effective hedge, the fair market value changes of the instrument are recorded to Accumulated other comprehensive income (AOCI).

Any ineffective portion of a derivative instrument's change in fair value is recorded in Net earnings in the period of change. If the hedging relationship ceases to be highly effective, or it becomes probable that a forecasted transaction is no longer expected to occur, the hedging relationship will be undesignated and any future gains and losses on the derivative instrument will be recorded in Net earnings.

Currency Hedging Instruments

The gross notional amount of the Company's currency derivatives was \$ 60.2 million and \$ 57.7 million at March 31, 2018 and December 31, 2017, respectively. At March 31, 2018 and December 31, 2017, gains of \$ 1.1 million and \$ 0.3 million, net of tax, were included in Accumulated other comprehensive loss related to the Company's currency derivatives designated as cash flow hedges. The amount expected to be reclassified into Net earnings over the next twelve months is a gain of \$ 1.1 million. The actual amounts that will be reclassified to Net earnings may vary from this amount as a result of changes in market conditions. Gains and losses associated with the Company's currency derivatives not designated as hedges are recorded in Net earnings as changes in fair value occur. At March 31, 2018, the maximum term of the Company's currency derivatives was less than one year.

Interest Rate Swaps

The Company has interest rate swaps to fix the interest rate paid during the contract period for \$250.0 million of the Company's variable rate Term Facility. These interest rate swaps expire in September 2020 and met the criteria to be accounted for as cash flow hedges of variable rate interest payments. Consequently, the changes in fair value of the interest rate swaps are recognized in Accumulated other comprehensive loss. At March 31, 2018 and December 31, 2017, gains of \$5.2 million and \$3.5 million, net of tax, were included in Accumulated other comprehensive loss related to these interest rate swaps. The amount expected to be reclassified into Net earnings over the next twelve months is a gain of approximately \$2 million. The actual amounts that will be reclassified to Net earnings may vary from this amount as a result of changes in market conditions.

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The fair values of derivative instruments included within the Condensed and Consolidated Balance Sheets were as follows:

<i>In millions</i>	Asset derivatives		Liability derivatives	
	March 31, 2018	December 31, 2017	March 31, 2018	December 31, 2017
Derivatives designated as hedges:				
Currency derivatives	\$ 0.9	\$ 0.2	\$ —	\$ 0.3
Interest rate swaps	7.7	5.3	—	—
Derivatives not designated as hedges:				
Currency derivatives	0.1	—	—	0.4
Total derivatives	<u>\$ 8.7</u>	<u>\$ 5.5</u>	<u>\$ —</u>	<u>\$ 0.7</u>

Asset and liability currency derivatives included in the table above are recorded within Other current assets and Accrued expenses and other current liabilities, respectively. Interest rate swap derivatives included in the table above are recorded within Other noncurrent assets.

The amounts associated with derivatives designated as hedges affecting Net earnings and Accumulated other comprehensive loss for the three months ended March 31 were as follows:

<i>In millions</i>	Amount of gain recognized in Accumulated other comprehensive loss		Location of gain recognized in Net earnings	Amount of gain reclassified from Accumulated other comprehensive loss and recognized into Net earnings	
	2018	2017		2018	2017
Currency derivatives	\$ 1.8	\$ 0.9	Cost of goods sold	\$ 0.6	\$ 1.1
Interest rate swaps	2.3	0.3	Interest expense	0.2	—
Total	<u>\$ 4.1</u>	<u>\$ 1.2</u>		<u>\$ 0.8</u>	<u>\$ 1.1</u>

The gains and losses associated with the Company's non-designated currency derivatives, which are offset by changes in the fair value of the underlying transactions, are included within Other (income) expense, net in the Condensed and Consolidated Statements of Comprehensive Income.

Concentration of Credit Risk

The counterparties to the Company's forward contracts and swaps consist of a number of investment grade major international financial institutions. The Company could be exposed to losses in the event of nonperformance by the counterparties. However, the credit ratings and the concentration of risk in these financial institutions are monitored on a continuous basis and present no significant credit risk to the Company.

Note 9 – Pensions and Postretirement Benefits Other than Pensions

The Company sponsors several U.S. defined benefit and defined contribution plans covering substantially all of its U.S. employees. Additionally, the Company has non-U.S. defined benefit and defined contribution plans covering eligible non-U.S. employees. Postretirement benefits, other than pensions, provide healthcare benefits, and in some instances, life insurance benefits, for certain eligible employees.

Pension Plans

The noncontributory defined benefit pension plans covering non-collectively bargained U.S. employees provide benefits on an average pay formula while most plans for collectively bargained U.S. employees provide benefits on a flat dollar benefit formula. The non-U.S. pension plans generally provide benefits based on earnings and years of service. The Company also maintains additional other supplemental plans for officers and other key employees.

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The components of the Company's net periodic pension benefit cost (income) for the three months ended March 31 were as follows:

<i>In millions</i>	U.S.	
	2018	2017
Service cost	\$ 1.7	\$ 1.8
Interest cost	2.6	2.5
Expected return on plan assets	(3.7)	(2.9)
Administrative costs and other	0.5	0.4
Net amortization of:		
Prior service costs	0.1	0.1
Plan net actuarial losses	1.0	1.1
Net periodic pension benefit cost	<u>\$ 2.2</u>	<u>\$ 3.0</u>

<i>In millions</i>	Non-U.S.	
	2018	2017
Service cost	\$ 0.6	\$ 0.4
Interest cost	2.1	2.1
Expected return on plan assets	(3.9)	(3.4)
Administrative costs and other	0.4	0.4
Amortization of plan net actuarial losses	0.2	0.4
Net periodic pension benefit income	<u>\$ (0.6)</u>	<u>\$ (0.1)</u>

The service cost component of net periodic pension benefit cost (income) is recorded in Cost of goods sold and Selling and administrative expenses within the Condensed and Consolidated Statements of Comprehensive Income. The remaining components of net periodic pension benefit cost (income), including administrative costs and other, are recorded as Other (income) expense, net within the Condensed and Consolidated Statements of Comprehensive Income.

The Company made employer contributions of \$0.2 million and \$ 50.1 million (of which \$50.0 million was discretionary) during the three months ended March 31, 2018 and 2017 , respectively, to its defined benefit pension plans. Additional contributions of approximately \$12 million are expected during the remainder of 2018 .

Postretirement Benefits Other Than Pensions

The Company sponsors a postretirement plan that provides for healthcare benefits, and in some instances, life insurance benefits, that cover certain eligible retired employees. The Company funds postretirement benefit obligations principally on a pay-as-you- go basis. Generally, postretirement health benefits are contributory with contributions adjusted annually. Life insurance plans for retirees are primarily noncontributory. Net periodic postretirement benefit cost (income) is included within Other (income) expense, net within the Condensed and Consolidated Statements of Comprehensive Income.

Note 10 – Fair Value Measurement

Fair value is defined as the exchange price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Fair value measurements are based on a framework that utilizes the inputs market participants use to determine the fair value of an asset or liability and establishes a fair value hierarchy to prioritize those inputs. The fair value hierarchy is comprised of three levels that are described below:

- Level 1 – Inputs based on quoted prices in active markets for identical assets or liabilities.
- Level 2 – Inputs other than Level 1 quoted prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the asset or liability.

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- Level 3 – Unobservable inputs based on little or no market activity and that are significant to the fair value of the assets and liabilities.

The fair value hierarchy requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. Observable inputs are obtained from independent sources and can be validated by a third party, whereas unobservable inputs reflect assumptions regarding what a third party would use in pricing an asset or liability based on the best information available under the circumstances. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement.

Assets and liabilities measured at fair value at March 31, 2018 were as follows:

<i>In millions</i>	Fair value measurements			Total fair value
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
<u>Recurring fair value measurements</u>				
<i>Assets:</i>				
Interest rate swaps	\$ —	\$ 7.7	\$ —	\$ 7.7
Foreign currency contracts	—	1.0	—	1.0
Total asset recurring fair value measurements	—	8.7	—	8.7
<i>Liabilities:</i>				
Deferred compensation plans	—	20.0	—	20.0
Total liability recurring fair value measurements	—	20.0	—	20.0
<u>Financial instruments not carried at fair value</u>				
Total debt	—	1,492.2	—	1,492.2
Total financial instruments not carried at fair value	\$ —	\$ 1,492.2	\$ —	\$ 1,492.2

Assets and liabilities measured at fair value at December 31, 2017 were as follows:

<i>In millions</i>	Fair value measurements			Total fair value
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
<u>Recurring fair value measurements</u>				
<i>Assets:</i>				
Interest rate swaps	\$ —	\$ 5.3	\$ —	\$ 5.3
Foreign currency contracts	—	0.2	—	0.2
Total asset recurring fair value measurements	—	5.5	—	5.5
<i>Liabilities:</i>				
Foreign currency contracts	—	0.7	—	0.7
Deferred compensation plans	—	20.9	—	20.9
Total liability recurring fair value measurements	—	21.6	—	21.6
<u>Financial instruments not carried at fair value</u>				
Total debt	—	1,485.2	—	1,485.2
Total financial instruments not carried at fair value	\$ —	\$ 1,485.2	\$ —	\$ 1,485.2

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The Company determines the fair value of its financial assets and liabilities using the following methodologies:

- *Interest rate swaps* – These instruments include interest rate swap contracts for \$250.0 million of the Company's variable rate debt. The fair value of the derivative instruments are determined based on quoted prices for the Company's swaps, which are not considered an active market.
- *Foreign currency contracts* – These instruments include foreign currency contracts for non-functional currency balance sheet exposures. The fair value of the foreign currency contracts are determined based on a pricing model that uses spot rates and forward prices from actively quoted currency markets that are readily accessible and observable.
- *Deferred compensation plans* - These include obligations related to deferred compensation adjusted for market performance. The fair value is obtained based on observable market prices quoted on public exchanges for similar instruments.
- *Debt* – These securities are recorded at cost and include senior notes maturing through 2027 . The fair value of the long-term debt instruments is obtained based on observable market prices quoted on public exchanges for similar instruments.

The carrying values of cash and cash equivalents, accounts receivable, accounts payable and accrued expenses and other current liabilities are a reasonable estimate of their fair value due to the short-term nature of these instruments.

These methodologies used by the Company to determine the fair value of its financial assets and liabilities at March 31, 2018 are the same as those used at December 31, 2017 . There have been no significant transfers between Level 1 and Level 2 categories.

Note 11 – Equity

The reconciliation of Ordinary shares is as follows:

<i>In millions</i>	Total
December 31, 2017	95.1
Shares issued under incentive plans, net	0.3
Repurchase of ordinary shares	(0.4)
March 31, 2018	95.0

During the three months ended March 31, 2018 , the Company paid \$30.0 million to repurchase 0.4 million ordinary shares on the open market under a share repurchase authorization previously approved by its Board of Directors.

The components of Equity for the three months ended March 31, 2018 were as follows:

<i>In millions</i>	Allegion plc shareholders' equity	Noncontrolling interests	Total equity
Balance at December 31, 2017	\$ 401.6	\$ 3.9	\$ 405.5
Net earnings	72.2	0.2	72.4
Currency translation	24.9	1.0	25.9
Change in value of derivatives qualifying as cash flow hedges, net of tax	2.5	—	2.5
Pension and OPEB adjustments, net of tax	(1.3)	—	(1.3)
Total comprehensive income	98.3	1.2	99.5
Share-based compensation	6.4	—	6.4
Dividends to ordinary shareholders	(19.9)	—	(19.9)
Repurchase of ordinary shares	(30.0)	—	(30.0)
Other	(0.4)	—	(0.4)
Balance at March 31, 2018	\$ 456.0	\$ 5.1	\$ 461.1

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The components of Equity for the three months ended March 31, 2017 were as follows:

<i>In millions</i>	Allegion plc shareholders' equity	Noncontrolling interests	Total equity
Balance at December 31, 2016	\$ 113.3	\$ 3.1	\$ 116.4
Net earnings	68.4	0.3	68.7
Currency translation	13.1	0.2	13.3
Pension and OPEB adjustments, net of tax	(0.3)	—	(0.3)
Total comprehensive income	81.2	0.5	81.7
Cumulative effect of change in accounting principle	(5.0)	—	(5.0)
Share-based compensation	5.0	—	5.0
Dividends to ordinary shareholders	(15.2)	—	(15.2)
Repurchase of ordinary shares	(30.0)	—	(30.0)
Shares issued under incentive plans, net	2.1	—	2.1
Balance at March 31, 2017	<u>\$ 151.4</u>	<u>\$ 3.6</u>	<u>\$ 155.0</u>

Other Comprehensive Income (Loss)

The changes in Accumulated other comprehensive loss for the three months ended March 31, 2018 are as follows:

<i>In millions</i>	Cash flow hedges	Pension and OPEB Items	Foreign Currency Items	Total
December 31, 2017	\$ 3.8	\$ (107.6)	\$ (49.1)	\$ (152.9)
Other comprehensive income (loss) before reclassifications	4.1	(2.0)	24.9	27.0
Amounts reclassified from accumulated other comprehensive loss ^(a)	(0.5)	1.1	—	0.6
Tax expense	(1.1)	(0.4)	—	(1.5)
March 31, 2018	<u>\$ 6.3</u>	<u>\$ (108.9)</u>	<u>\$ (24.2)</u>	<u>\$ (126.8)</u>

- (a) Amounts reclassified from Accumulated other comprehensive loss and recognized into Net earnings related to cash flow hedges are recorded in Cost of goods sold and Interest expense. Amounts reclassified from Accumulated other comprehensive loss and recognized into Net earnings related to pension and OPEB items and foreign currency items are recorded in Other (income) expense, net.

The changes in Accumulated other comprehensive loss for the three months ended March 31, 2017 are as follows:

<i>In millions</i>	Cash flow hedges	Pension and OPEB Items	Foreign Currency Items	Total
December 31, 2016	\$ 3.4	\$ (120.5)	\$ (147.2)	\$ (264.3)
Other comprehensive income (loss) before reclassifications	1.2	(1.2)	13.1	13.1
Amounts reclassified from accumulated other comprehensive loss ^(a)	(1.1)	1.2	—	0.1
Tax expense	—	(0.3)	—	(0.3)
March 31, 2017	<u>\$ 3.5</u>	<u>\$ (120.8)</u>	<u>\$ (134.1)</u>	<u>\$ (251.4)</u>

- (a) Amounts reclassified from Accumulated other comprehensive loss and recognized into Net earnings related to cash flow hedges are recorded in Cost of goods sold and Interest expense. Amounts reclassified from Accumulated other comprehensive loss and recognized into Net earnings related to pension and OPEB items and foreign currency items are recorded in Other (income) expense, net.

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Note 12 – Share-Based Compensation

The Company records share-based compensation awards using a fair value method and recognizes compensation expense for an amount equal to the fair value of the share-based payment issued in its financial statements. The Company's share-based compensation plans include programs for stock options, restricted stock units ("RSUs"), performance share units ("PSUs") and deferred compensation.

Compensation Expense

Share-based compensation expense is included in Cost of goods sold and Selling and administrative expenses. The expenses recognized for the three months ended March 31 were as follows:

<i>In millions</i>	Three months ended	
	2018	2017
Stock options	\$ 1.6	\$ 1.2
RSUs	3.1	2.4
PSUs	1.8	1.7
Deferred compensation	0.1	0.8
Pre-tax expense	6.6	6.1
Tax benefit	(0.5)	(2.0)
After-tax expense	\$ 6.1	\$ 4.1

Stock Options/RSUs

Eligible participants may receive (i) stock options, (ii) RSUs or (iii) a combination of both stock options and RSUs. Grants issued during the three months ended March 31 were as follows:

	2018		2017	
	Number granted	Weighted-average fair value per award	Number granted	Weighted-average fair value per award
Stock options	160,525	\$ 21.29	165,113	\$ 18.22
RSUs	91,374	\$ 86.55	96,609	\$ 71.84

The fair value of each of the Company's stock option and RSU awards is expensed on a straight-line basis over the required service period, which is generally the three-year vesting period. However, for stock options and RSUs granted to retirement eligible employees, the Company recognizes expense for the fair value at the grant date.

The average fair value of the stock options granted is determined using the Black-Scholes option-pricing model. The following assumptions were used during the three months ended March 31 :

	2018	2017
Dividend yield	0.97%	0.89%
Volatility	22.38%	24.93%
Risk-free rate of return	2.75%	2.08%
Expected life	6.0 years	6.0 years

Expected volatility is based on the weighted average of the implied volatility of a group of the Company's peers. The risk-free rate of return is based on the yield curve of a zero-coupon U.S. Treasury bond on the date the award is granted with a maturity equal to the expected term of the award. Historical peer data is used to estimate forfeitures within the Company's valuation model. The expected life of the Company's stock option awards is derived from the simplified approach based on the weighted average time to vest and the remaining contractual term and represents the period of time that awards are expected to be outstanding.

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Performance Shares

The Company has a Performance Share Program ("PSP") for key employees which provides awards in the form of PSUs based on performance against pre-established objectives. The annual target award level is expressed as a number of the Company's ordinary shares. All PSUs are settled in the form of ordinary shares unless deferred. During the three months ended March 31, 2018, the Company granted PSUs with a maximum award level of approximately 0.1 million shares.

In February 2016, 2017 and 2018, the Company's Compensation Committee granted PSUs that were earned based 50% upon a performance condition, measured at each reporting period by earnings per share ("EPS") performance in relation to pre-established targets set by the Compensation Committee, and 50% upon a market condition, measured by the Company's relative total shareholder return ("TSR") against the S&P 400 Capital Goods Index over a three-year performance period. The fair values of the market conditions are estimated using a Monte Carlo Simulation approach in a risk-neutral framework to model future stock price movements based upon historical volatility, risk-free rates of return and correlation matrix.

Deferred Compensation

The Company allows key employees to defer a portion of their eligible compensation into a number of investment choices including its ordinary share equivalents. Any amounts invested in ordinary share equivalents will be settled in ordinary shares of the Company at the time of distribution.

Note 13 – Restructuring Activities

During the three months ended March 31, 2018 and 2017, the Company incurred costs of \$0.7 million and \$0.8 million, respectively, associated with restructuring actions. Charges recorded during the three months ended March 31 as part of restructuring plans were as follows:

<i>In millions</i>	Three months ended	
	2018	2017
Americas	\$ —	\$ (0.1)
EMEIA	0.2	0.9
Asia Pacific	0.5	—
Total	<u>\$ 0.7</u>	<u>\$ 0.8</u>

Restructuring charges recorded during the three months ended March 31, 2018 and 2017 are included within Selling and administrative expenses within the Condensed and Consolidated Statements of Comprehensive Income.

The changes in the restructuring reserve during the three months ended March 31, 2018 were as follows:

<i>In millions</i>	Americas	EMEIA	Asia Pacific	Corporate/Other	Total
December 31, 2017	\$ 0.3	\$ 3.8	\$ —	\$ 0.1	\$ 4.2
Additions, net of reversals	—	0.2	0.5	—	0.7
Cash and non-cash uses	(0.1)	(1.7)	(0.5)	(0.1)	(2.4)
Currency translation	—	0.1	—	—	0.1
March 31, 2018	<u>\$ 0.2</u>	<u>\$ 2.4</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 2.6</u>

Costs accrued as of March 31, 2018 are expected to be paid within one year.

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Note 14 – Other (Income) Expense, Net

The components of Other (income) expense, net for the three months ended March 31 were as follows:

<i>In millions</i>	Three months ended	
	2018	2017
Interest income	\$ (0.2)	\$ (0.1)
Foreign currency exchange loss	0.4	0.1
Loss from equity investments	—	0.6
Net periodic pension and postretirement benefit (income) cost, less service cost	(0.8)	0.7
Other	0.2	—
Other (income) expense, net	<u>\$ (0.4)</u>	<u>\$ 1.3</u>

Other (income) expense, net for the three months ended March 31, 2018 was primarily related to Net periodic pension and postretirement benefit income, less service cost, partially offset by Foreign currency exchange loss. Other (income) expense, net for the three months ended March 31, 2017 was primarily related to Net periodic pension and postretirement benefit cost, less service cost, and Loss from equity investments.

Note 15 – Income Taxes

The effective income tax rates for the three months ended March 31, 2018 and 2017 were 16.0% and 16.5% . The decrease in the effective tax rate compared to 2017 is primarily due to the favorable impact of the Tax Reform Act, which is partially offset by a reduction in the benefit associated with vesting and exercise of share based compensation awards and an unfavorable year over year change in the timing of amounts recognized for uncertain tax positions.

Note 16 – Earnings Per Share (EPS)

Basic EPS is calculated by dividing Net earnings attributable to Allegion plc by the weighted-average number of ordinary shares outstanding for the applicable period. Diluted EPS is calculated after adjusting the denominator of the basic EPS calculation for the effect of all potentially dilutive ordinary shares, which in the Company's case, includes shares issuable under share-based compensation plans.

The following table summarizes the weighted-average number of ordinary shares outstanding for basic and diluted EPS calculations for the three months ended March 31 :

<i>In millions</i>	Three months ended	
	2018	2017
Weighted-average number of basic shares	95.1	95.3
Shares issuable under incentive stock plans	0.7	0.8
Weighted-average number of diluted shares	<u>95.8</u>	<u>96.1</u>

At March 31, 2018 , 0.1 million stock options were excluded from the computation of weighted-average diluted shares outstanding because the effect of including these shares would have been anti-dilutive.

Note 17 – Net Revenues

Net revenues are recognized based on the satisfaction of performance obligations under the terms of a contract. Generally, this occurs when control of a product or service transfers to a customer. Transfer of control typically occurs when goods are shipped from our facilities or at other predetermined control transfer points (for instance, destination terms). Net revenues are measured as the amount of consideration we expect to receive in exchange for transferring goods or providing services. Persuasive evidence of a sales arrangement and fixed or determinable price are deemed to be satisfied upon receipt of an executed and legally binding sales agreement or contract that clearly defines the terms and conditions of the transaction including the respective obligations of the parties. If the defined terms and conditions allow variability in all or a component of the price, revenue is not recognized until such time that the price becomes fixed or determinable. At the point of sale, the existence of an enforceable claim that requires

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payment within a reasonable amount of time is validated and the collectability of that claim is assessed. If collectability is not deemed to be reasonably assured, then revenue recognition is deferred until such time that collectability becomes probable or cash is received. Service and installation revenues are recognized when earned. In some instances, customer acceptance provisions are included in sales arrangements to give the buyer the ability to ensure the delivered product or service meets the criteria established in the order. In these instances, revenue recognition is deferred until the acceptance terms specified in the arrangement are fulfilled through customer acceptance or a demonstration that established criteria have been satisfied. If uncertainty exists about customer acceptance, revenue is not recognized until acceptance has occurred. We do not adjust the transaction price for the effects of a significant financing component, as the time period between control transfer of goods and services is less than one year. The Company's payment terms are generally consistent with the industries in which their businesses operate.

The Company has two principal revenue streams, tangible product sales and services. Greater than 99% of consolidated Net revenues involve contracts with a single performance obligation, the shipment of tangible products. The remaining Net revenues involve services including installation and consulting. Unlike the single performance obligation to ship a tangible product, the service revenue stream delays revenue recognition until the service performance obligation is satisfied.

Net revenues for tangible product sales and services by business segment are as follows:

<i>in millions</i>	Three months ended March 31, 2018			
	Americas	EMEIA	Asia Pacific	Consolidated
<u>Net revenues</u>				
Products	\$ 439.1	\$ 146.8	\$ 23.7	\$ 609.6
Services	—	3.5	—	3.5
Total Net Revenues	\$ 439.1	\$ 150.3	\$ 23.7	\$ 613.1

<i>in millions</i>	Three months ended March 31, 2017 ^(a)			
	Americas	EMEIA	Asia Pacific	Consolidated
<u>Net revenues</u>				
Products	\$ 407.6	\$ 114.9	\$ 22.8	\$ 545.3
Services	—	3.5	—	3.5
Total Net Revenues	\$ 407.6	\$ 118.4	\$ 22.8	\$ 548.8

(a) The Company adopted ASU 2014-09 and related updates as of January 1, 2018 on a modified retrospective basis, and as such, amounts presented for the three months ended March 31, 2017 are based on ASC 605.

Tangible product sales are recognized at a point in time at which transfer of control has occurred. Service revenues are recognized over time using a time-based output method applied over the contract term beginning on the date that the service or installation is either provided or made available to the customer. We used the practical expedients to omit the disclosure of remaining performance obligations for contracts with an original expected duration of one year or less and for contracts where we have the right to invoice for performance completed to date. As of March 31, 2018, the contract liability associated with contract revenue is not material. As a practical expedient, we recognize incremental costs of obtaining a contract, if any, as an expense when incurred if the amortization period of the asset would have been one year or less. We do not have any costs to obtain or fulfill a contract that are capitalized under ASC 606.

The Company does offer various sales incentive programs to customers, dealers, and distributors that do not preclude revenue recognition, but do require an accrual for the best estimate of expected activity. These items are accrued for over time based on the Company's historical rates of providing these incentives and annual forecasted sales volumes. During the three months ended March 31, 2018, no adjustments related to performance obligations satisfied in previous periods were recorded. Examples of the sales incentives that are accrued for as a contra receivable and sales deduction at the point of sale include, but are not limited to, discounts (i.e. net 30 type), coupons, and rebates where the customer does not have to provide any additional requirements to receive the discount. Sales returns and customer disputes involving a question of quantity or price are also accounted for as a reduction in revenue and a contra receivable. All other incentives or incentive programs where the customer is required to reach a certain sales level, remain a customer for a certain period, provide a rebate form or is subject to additional requirements are

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

accounted for as a reduction of revenue and establishment of a liability. The Company also offers a standard warranty with most product sales and the value of such warranty is included in the contractual price. The corresponding cost of the warranty obligation is accrued as a liability (see Note 19).

Sales, value-added and other similar taxes that we collect are excluded from revenue. We have elected to account for shipping and handling activities that occur after control of the related goods transfers as fulfillment activities instead of performance obligations.

Note 18 – Business Segment Information

The Company classifies its businesses into the following three reportable segments based on industry and market focus: Americas, EMEIA and Asia Pacific.

The Company largely evaluates performance based on Segment operating income and Segment operating margins. Segment operating income is the measure of profit and loss that the Company's chief operating decision maker uses to evaluate the financial performance of the business and as the basis for resource allocation, performance reviews, and compensation. For these reasons, the Company believes that Segment operating income represents the most relevant measure of segment profit and loss. The Company's chief operating decision maker may exclude certain charges or gains, such as corporate charges and other special charges, from Operating income to arrive at a Segment operating income that is a more meaningful measure of profit and loss upon which to base its operating decisions. The Company defines Segment operating margin as Segment operating income as a percentage of Net revenues.

A summary of operations by reportable segment for the three months ended March 31 was as follows:

<i>In millions</i>	<u>Three months ended</u>	
	<u>2018</u>	<u>2017</u>
<u>Net revenues</u>		
Americas	\$ 439.1	\$ 407.6
EMEIA	150.3	118.4
Asia Pacific	23.7	22.8
Total	<u>\$ 613.1</u>	<u>\$ 548.8</u>
<u>Segment operating income</u>		
Americas	\$ 109.7	\$ 108.8
EMEIA	8.5	6.4
Asia Pacific	(1.5)	0.6
Total	<u>116.7</u>	<u>115.8</u>
<u>Reconciliation to Operating income</u>		
Unallocated corporate expense	(18.0)	(16.3)
Operating income	<u>\$ 98.7</u>	<u>\$ 99.5</u>
<u>Reconciliation to earnings before income taxes</u>		
Interest expense	12.9	15.9
Other (income) expense, net	(0.4)	1.3
Earnings before income taxes	<u>\$ 86.2</u>	<u>\$ 82.3</u>

Note 19 – Commitments and Contingencies

The Company is involved in various litigations, claims and administrative proceedings, including those related to environmental and product warranty matters. Amounts recorded for identified contingent liabilities are estimates, which are reviewed periodically and adjusted to reflect additional information when it becomes available. Subject to the uncertainties inherent in estimating future costs for contingent liabilities, except as expressly set forth in this note, management believes that any liability which may result from these legal matters would not have a material adverse effect on the financial condition, results of operations, liquidity or cash flows of the Company.

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Environmental Matters

The Company is dedicated to an environmental program to reduce the utilization and generation of hazardous materials during the manufacturing process and to remediate identified environmental concerns. As to the latter, the Company is currently engaged in site investigations and remediation activities to address environmental cleanup from past operations at current and former production facilities. The Company regularly evaluates its remediation programs and considers alternative remediation methods that are in addition to, or in replacement of, those currently utilized by the Company based upon enhanced technology and regulatory changes. Changes to the Company's remediation programs may result in increased expenses and increased environmental reserves.

The Company is sometimes a party to environmental lawsuits and claims and from time to time receives notices of potential violations of environmental laws and regulations from the U.S. Environmental Protection Agency and similar state authorities. It has also been identified as a potentially responsible party ("PRP") for cleanup costs associated with off-site waste disposal at federal Superfund and state remediation sites. For all such sites, there are other PRPs and, in most instances, the Company's involvement is minimal.

In estimating its liability, the Company has assumed it will not bear the entire cost of remediation of any site to the exclusion of other PRPs who may be jointly and severally liable. The ability of other PRPs to participate has been taken into account, based on our understanding of the parties' financial condition and probable contributions on a per site basis. Additional lawsuits and claims involving environmental matters are likely to arise from time to time in the future.

During the three months ended March 31, 2018 and 2017, the Company recorded \$ 0.7 million and \$ 0.8 million of expenses for environmental remediation at sites presently or formerly owned or leased by the Company. As of March 31, 2018 and December 31, 2017, the Company has recorded reserves for environmental matters of \$ 28.5 million and \$ 28.9 million, respectively. The total reserve at March 31, 2018 and December 31, 2017, included \$ 8.7 million and \$ 8.9 million, respectively, related to remediation of sites previously disposed by the Company. Environmental reserves are classified as Accrued expenses and other current liabilities or Other noncurrent liabilities based on their expected term. The Company's total current environmental reserve at March 31, 2018 and December 31, 2017 was \$ 9.0 million and \$ 12.6 million, respectively, and the remainder is classified as noncurrent. Given the evolving nature of environmental laws, regulations and technology, the ultimate cost of future compliance is uncertain.

Warranty Liability

Standard product warranty accruals are recorded at the time of sale and are estimated based upon product warranty terms and historical experience. The Company assesses the adequacy of its liabilities and will make adjustments as necessary based on known or anticipated warranty claims, or as new information becomes available.

The changes in the standard product warranty liability for the three months ended March 31 were as follows:

<i>In millions</i>	2018	2017
Balance at beginning of period	\$ 14.1	\$ 13.3
Reductions for payments	(1.8)	(1.7)
Accruals for warranties issued during the current period	2.0	2.2
Changes to accruals related to preexisting warranties	(0.1)	(0.1)
Acquisitions	0.4	—
Translation	0.1	—
Balance at end of period	<u>\$ 14.7</u>	<u>\$ 13.7</u>

Standard product warranty liabilities are classified as Accrued expenses and other current liabilities.

Note 20 – Guarantor Financial Information

Allegion US Holding Company, Inc. ("Allegion US Hold Co") is the issuer of the 3.200% and 3.550% Senior Notes. Allegion plc is the guarantor of the 3.200% and 3.550% Senior Notes. The following condensed and consolidated financial information of Allegion plc, Allegion US Hold Co, and the other Allegion subsidiaries that are not guarantors (the "Other Subsidiaries") on a

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

combined basis as of March 31, 2018 and for the three months ended March 31, 2018 and 2017, is being presented in order to meet the reporting requirements under the Senior Notes indenture and Rule 3-10 of Regulation S-X. In accordance with Rule 3-10(d) of Regulation S-X, separate financial statements for the Issuer, Allegion plc, whom is the guarantor, are not required to be filed with the SEC as the subsidiary debt issuer is directly or indirectly 100% owned by the Parent, whom is the guarantor, and the guarantees are full and unconditional and joint and several.

During the three months ended March 31, 2018, an entity previously presented in the "Other Subsidiaries" column merged with Allegion US Hold Co. The entity merged with Allegion US Hold Co primarily includes intercompany investments and related equity; there is no material statement of comprehensive income or cash flow activity related to this entity. As a result, the following condensed and consolidated financial information presented below as of December 31, 2017, and for the three months ended March 31, 2017 has been updated to reflect this new structure.

Condensed and Consolidated Statement of Comprehensive Income

For the three months ended March 31, 2018

<i>In millions</i>	Allegion plc	Allegion US Holding	Other Subsidiaries	Consolidating Adjustments	Total
Net revenues	\$ —	\$ —	\$ 613.1	\$ —	\$ 613.1
Cost of goods sold	—	—	355.3	—	355.3
Selling and administrative expenses	1.1	—	158.0	—	159.1
Operating income (loss)	(1.1)	—	99.8	—	98.7
Equity earnings (loss) in affiliates, net of tax	79.4	29.9	—	(109.3)	—
Interest expense	6.1	6.8	—	—	12.9
Intercompany interest and fees	—	25.5	(25.5)	—	—
Other expense, net	—	—	(0.4)	—	(0.4)
Earnings (loss) before income taxes	72.2	(2.4)	125.7	(109.3)	86.2
Provision (benefit) for income taxes	—	(8.2)	22.0	—	13.8
Net earnings (loss)	72.2	5.8	103.7	(109.3)	72.4
Less: Net loss attributable to noncontrolling interests	—	—	0.2	—	0.2
Net earnings (loss) attributable to Allegion plc	\$ 72.2	\$ 5.8	\$ 103.5	\$ (109.3)	\$ 72.2
Total comprehensive income (loss)	\$ 98.3	\$ 7.7	\$ 128.9	\$ (135.4)	\$ 99.5
Less: Total comprehensive income attributable to noncontrolling interests	—	—	1.2	—	1.2
Total comprehensive income (loss) attributable to Allegion plc	\$ 98.3	\$ 7.7	\$ 127.7	\$ (135.4)	\$ 98.3

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Condensed and Consolidated Statement of Comprehensive Income

For the three months ended March 31, 2017

<i>In millions</i>	Allegion plc	Allegion US Holding	Other Subsidiaries	Consolidating Adjustments	Total
Net revenues	\$ —	\$ —	\$ 548.8	\$ —	\$ 548.8
Cost of goods sold	—	—	307.6	—	307.6
Selling and administrative expenses	1.2	—	140.5	—	141.7
Operating income (loss)	(1.2)	—	100.7	—	99.5
Equity earnings (loss) in affiliates, net of tax	80.6	19.0	—	(99.6)	—
Interest expense	11.0	4.8	0.1	—	15.9
Intercompany interest and fees	—	27.0	(27.0)	—	—
Other (income) expense, net	—	—	1.3	—	1.3
Earnings (loss) before income taxes	68.4	(12.8)	126.3	(99.6)	82.3
Provision (benefit) for income taxes	—	(12.2)	25.8	—	13.6
Net earnings (loss)	68.4	(0.6)	100.5	(99.6)	68.7
Less: Net earnings attributable to noncontrolling interests	—	—	0.3	—	0.3
Net earnings (loss) attributable to Allegion plc	<u>\$ 68.4</u>	<u>\$ (0.6)</u>	<u>\$ 100.2</u>	<u>\$ (99.6)</u>	<u>\$ 68.4</u>
Total comprehensive income (loss)	\$ 81.2	\$ (0.2)	\$ 113.6	\$ (112.9)	\$ 81.7
Less: Total comprehensive income attributable to noncontrolling interests	—	—	0.5	—	0.5
Total comprehensive income (loss) attributable to Allegion plc	<u>\$ 81.2</u>	<u>\$ (0.2)</u>	<u>\$ 113.1</u>	<u>\$ (112.9)</u>	<u>\$ 81.2</u>

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Condensed and Consolidated Balance Sheet
March 31, 2018

<i>In millions</i>	Allegion plc	Allegion US Holding	Other Subsidiaries	Consolidating Adjustments	Total
Current assets:					
Cash and cash equivalents	\$ 1.0	\$ 13.6	\$ 137.2	\$ —	\$ 151.8
Accounts and notes receivable, net	—	—	336.4	—	336.4
Inventories	—	—	271.5	—	271.5
Other current assets	0.4	8.2	34.3	—	42.9
Accounts and notes receivable affiliates	—	443.8	342.8	(786.6)	—
Total current assets	1.4	465.6	1,122.2	(786.6)	802.6
Investment in affiliates	1,123.3	581.2	—	(1,704.5)	—
Property, plant and equipment, net	—	—	277.4	—	277.4
Goodwill and other intangible assets, net	—	—	1,423.8	—	1,423.8
Notes receivable affiliates	35.5	1,543.2	2,603.8	(4,182.5)	—
Other noncurrent assets	4.8	11.6	107.9	—	124.3
Total assets	<u>\$ 1,165.0</u>	<u>\$ 2,601.6</u>	<u>\$ 5,535.1</u>	<u>\$ (6,673.6)</u>	<u>\$ 2,628.1</u>
Current liabilities:					
Accounts payable and accruals	\$ 1.7	\$ 13.6	\$ 401.5	\$ —	\$ 416.8
Short-term borrowings and current maturities of long-term debt	35.0	—	0.3	—	35.3
Accounts and notes payable affiliates	0.2	342.5	443.9	(786.6)	—
Total current liabilities	36.9	356.1	845.7	(786.6)	452.1
Long-term debt	671.0	802.0	1.1	—	1,474.1
Notes payable affiliate	—	2,603.8	1,578.7	(4,182.5)	—
Other noncurrent liabilities	1.1	—	239.7	—	240.8
Total liabilities	709.0	3,761.9	2,665.2	(4,969.1)	2,167.0
Equity:					
Total shareholders equity (deficit)	456.0	(1,160.3)	2,864.8	(1,704.5)	456.0
Noncontrolling interests	—	—	5.1	—	5.1
Total equity (deficit)	456.0	(1,160.3)	2,869.9	(1,704.5)	461.1
Total liabilities and equity	<u>\$ 1,165.0</u>	<u>\$ 2,601.6</u>	<u>\$ 5,535.1</u>	<u>\$ (6,673.6)</u>	<u>\$ 2,628.1</u>

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Condensed and Consolidated Balance Sheet

December 31, 2017

<i>In millions</i>	Allegion plc	Allegion US Holding	Other Subsidiaries	Consolidating Adjustments	Total
Current assets:					
Cash and cash equivalents	\$ 0.7	\$ 0.3	\$ 465.2	\$ —	\$ 466.2
Accounts and notes receivable, net	—	—	296.6	—	296.6
Inventories	—	—	239.8	—	239.8
Other current assets	0.3	56.3	17.6	(44.1)	30.1
Accounts receivable affiliates	—	430.0	305.3	(735.3)	—
Total current assets	1.0	486.6	1,324.5	(779.4)	1,032.7
Investment in affiliates	1,079.6	240.8	—	(1,320.4)	—
Property, plant and equipment, net	—	—	252.2	—	252.2
Goodwill and other intangible assets, net	—	—	1,155.5	—	1,155.5
Notes receivable affiliates	3.5	1,580.3	2,381.0	(3,964.8)	—
Other noncurrent assets	5.1	5.5	91.0	—	101.6
Total assets	\$ 1,089.2	\$ 2,313.2	\$ 5,204.2	\$ (6,064.6)	\$ 2,542.0
Current liabilities:					
Accounts payable and accruals	\$ 1.9	\$ 7.0	\$ 461.0	\$ (44.1)	\$ 425.8
Short-term borrowings and current maturities of long-term debt	35.0	—	—	—	35.0
Accounts and notes payable affiliates	0.2	304.9	430.2	(735.3)	—
Total current liabilities	37.1	311.9	891.2	(779.4)	460.8
Long-term debt	649.3	792.0	1.0	—	1,442.3
Notes payables affiliate	—	2,381.0	1,583.8	(3,964.8)	—
Other noncurrent liabilities	1.2	4.2	228.0	—	233.4
Total liabilities	687.6	3,489.1	2,704.0	(4,744.2)	2,136.5
Equity:					
Total shareholders equity (deficit)	401.6	(1,175.9)	2,496.3	(1,320.4)	401.6
Noncontrolling interests	—	—	3.9	—	3.9
Total equity (deficit)	401.6	(1,175.9)	2,500.2	(1,320.4)	405.5
Total liabilities and equity	\$ 1,089.2	\$ 2,313.2	\$ 5,204.2	\$ (6,064.6)	\$ 2,542.0

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Condensed and Consolidated Statement of Cash Flows

For the three months ended March 31, 2018

<i>In millions</i>	Allegion plc	Allegion US Holding	Other Subsidiaries	Consolidating Adjustments	Total
Net cash provided by (used in) operating activities	\$ 61.2	\$ (23.2)	\$ 15.5	\$ (63.6)	\$ (10.1)
Cash flows from investing activities:					
Capital expenditures	—	—	(8.7)	—	(8.7)
Acquisition of and equity investments in businesses, net of cash acquired	—	(233.4)	(42.9)	—	(276.3)
Other investing activities, net	—	—	0.1	—	0.1
Net cash used in investing activities	—	(233.4)	(51.5)	—	(284.9)
Cash flows from financing activities:					
Debt repayments, net	21.2	10.0	—	—	31.2
Net inter-company proceeds (payments)	(32.1)	259.9	(227.8)	—	—
Dividends paid	—	—	(63.6)	63.6	—
Dividends paid to shareholders	(19.7)	—	—	—	(19.7)
Repurchase of ordinary shares	(30.0)	—	—	—	(30.0)
Other financing activities, net	(0.3)	—	(2.1)	—	(2.4)
Net cash provided by (used in) financing activities	(60.9)	269.9	(293.5)	63.6	(20.9)
Effect of exchange rate changes on cash and cash equivalents	—	—	1.5	—	1.5
Net increase (decrease) in cash and cash equivalents	0.3	13.3	(328.0)	—	(314.4)
Cash and cash equivalents - beginning of period	0.7	0.3	465.2	—	466.2
Cash and cash equivalents - end of period	<u>\$ 1.0</u>	<u>\$ 13.6</u>	<u>\$ 137.2</u>	<u>\$ —</u>	<u>\$ 151.8</u>

ALLEGION PLC
NOTES TO CONDENSED AND CONSOLIDATED FINANCIAL STATEMENTS-(Continued)
(Unaudited)

Condensed and Consolidated Statement of Cash Flows

For the three months ended March 31, 2017

<i>In millions</i>	<u>Allegion plc</u>	<u>Allegion US Holding</u>	<u>Other Subsidiaries</u>	<u>Consolidating Adjustments</u>	<u>Total</u>
Net cash provided by (used in) operating activities	\$ 3.1	\$ 15.9	\$ (7.3)	\$ (52.6)	\$ (40.9)
Cash flows from investing activities:					
Capital expenditures	—	—	(7.8)	—	(7.8)
Acquisition of businesses, net of cash acquired	—	—	(20.8)	—	(20.8)
Other investing activities, net	—	—	0.8	—	0.8
Net cash used in investing activities	—	—	(27.8)	—	(27.8)
Cash flows from financing activities:					
Debt repayments, net	(11.8)	—	(1.1)	—	(12.9)
Net inter-company proceeds (payments)	53.2	(7.3)	(45.9)	—	—
Dividends paid	—	—	(52.6)	52.6	—
Dividends paid to shareholders	(15.2)	—	—	—	(15.2)
Repurchase of ordinary shares	(30.0)	—	—	—	(30.0)
Other financing activities, net	2.1	—	—	—	2.1
Net cash provided by (used in) financing activities	(1.7)	(7.3)	(99.6)	52.6	(56.0)
Effect of exchange rate changes on cash and cash equivalents	—	—	1.9	—	1.9
Net increase (decrease) in cash and cash equivalents	1.4	8.6	(132.8)	—	(122.8)
Cash and cash equivalents - beginning of period	0.5	0.2	311.7	—	312.4
Cash and cash equivalents - end of period	<u>\$ 1.9</u>	<u>\$ 8.8</u>	<u>\$ 178.9</u>	<u>\$ —</u>	<u>\$ 189.6</u>

Note 21 – Subsequent Events

On April 5, 2018, the Company's Board of Directors declared a quarterly dividend of \$0.21 cents per ordinary share. The dividend is payable June 29, 2018 to shareholders of record on June 15, 2018.

Item 2 – Management’s Discussion and Analysis of Financial Condition and Results of Operations

The following Management’s Discussion and Analysis of Financial Condition and Results of Operations contains forward-looking statements that involve risks and uncertainties. Our actual results may differ materially from the results discussed in the forward-looking statements. Factors that might cause a difference include, but are not limited to, those discussed under Part I, Item 1A – Risk Factors in the Annual Report on Form 10-K for the fiscal year ended December 31, 2017. The following section is qualified in its entirety by the more detailed information, including our condensed and consolidated financial statements and the notes thereto, which appears elsewhere in this Quarterly Report.

Overview

Organization

Allegion plc ("Allegion," "we," "our," or "us") is a leading global provider of security products and solutions operating in three geographic regions: Americas, EMEIA, and Asia Pacific. We sell a wide range of security products and solutions for end-users in commercial, institutional and residential markets worldwide, including into the education, healthcare, government, commercial office and single and multi-family residential markets. Our corporate brands include CISA, Interflex, LCN, Schlage, SimonsVoss, and Von Duprin.

Recent Developments

2018 Acquisitions

During the three months ended March 31, 2018, we completed four acquisitions:

Business	Date
Technical Glass Products, Inc. ("TGP")	January 2018
Hammond Enterprises, Inc. ("Hammond")	January 2018
Qatar Metal Industries LLC ("QMI")	February 2018
AD Systems, Inc. ("AD Systems")	March 2018

TGP provides glass and framing solutions for commercial buildings, as well as non-fire rated architectural glass and framing, including channel glass systems and curtain walls throughout the United States, Canada, and select markets in the Middle East. TGP has been integrated into our Americas and EMEIA segments.

We acquired 100% of the machinery, equipment, and intellectual property of a division of Hammond in January 2018. The assets acquired have been integrated into our existing production facilities in the Americas segment and are specific to our Schlage branded products.

QMI specializes in fire rated and non-fire rated steel and wooden doors, acoustic doors, and wooden cabinets, as well as fire rated curtain wall systems and access panels in Qatar, Saudi Arabia, Bahrain, Oman, Kuwait, the United Arab Emirates, and Africa. QMI has been integrated into our EMEIA segment.

AD Systems designs and manufactures high-performance interior and storefront door systems, specializing in sliding and acoustic solutions. AD Systems' portfolio includes sliding and swinging doors, perimeter frames, door hardware, gasketing, seals and sidelite panels. AD Systems has been integrated into our Americas segment.

2018 Dividends

On March 29, 2018, we paid a quarterly dividend of \$0.21 per ordinary share to shareholders of record as of March 15, 2018.

Share repurchases

During the first quarter of 2018, we repurchased approximately 0.4 million shares for approximately \$30.0 million.

Results of Operations – Three months ended March 31

<i>In millions, except per share amounts</i>	2018	% of revenues	2017	% of revenues
Net revenues	\$ 613.1		\$ 548.8	
Cost of goods sold	355.3	58.0%	307.6	56.0%
Selling and administrative expenses	159.1	26.0%	141.7	25.8%
Operating income	98.7	16.1%	99.5	18.1%
Interest expense	12.9		15.9	
Other (income) expense, net	(0.4)		1.3	
Earnings before income taxes	86.2		82.3	
Provision for income taxes	13.8		13.6	
Net earnings	72.4		68.7	
Less: Net earnings attributable to noncontrolling interests	0.2		0.3	
Net earnings attributable to Allegion plc	\$ 72.2		\$ 68.4	
Diluted net earnings per ordinary share attributable to Allegion plc ordinary shareholders:				
Net earnings	\$ 0.75		\$ 0.71	

The discussions that follow describe the significant factors contributing to the changes in our results of operations for the periods presented.

Net Revenues

Net revenues for the three months ended March 31, 2018 increased by 11.7% , or \$64.3 million , compared with the same period in 2017 , which resulted from the following:

Pricing	1.3%
Volume	2.0%
Acquisitions	4.7%
Currency exchange rates	3.7%
Total	11.7%

The increase in Net revenues was primarily driven by higher volumes, improved pricing, acquisitions during the current year, and favorable foreign currency exchange rate movements.

Operating Income/Margin

Operating income for the three months ended March 31, 2018 decreased \$0.8 million compared to the same period in 2017 and operating margin for the three months ended March 31, 2018 decreased to 16.1% from 18.1% for the same period in 2017 due to the following:

<i>in millions</i>	Operating Income	Operating Margin
March 31, 2017	\$ 99.5	18.1 %
Inflation in excess of pricing and productivity	(1.1)	(0.5)%
Volume/product mix	2.9	0.2 %
Restructuring / acquisition expenses	(0.7)	(0.1)%
Currency exchange rates	1.9	(0.2)%
Investment spending and other items	(3.6)	(0.6)%
Acquisitions	(0.2)	(0.8)%
March 31, 2018	\$ 98.7	16.1 %

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Operating income decreased primarily due to inflation in excess of pricing and productivity, restructuring and acquisition expenses, increased investment spending, and acquisitions during the current year. These decreases were partially offset by favorable volume/product mix and foreign currency exchange rate movements.

Operating margin decreased primarily due to inflation in excess of pricing and productivity, restructuring and acquisition expenses, foreign currency exchange rate movements, increased investment spending, and acquisitions during the current year. These decreases were partially offset by favorable volume/product mix.

Interest Expense

Interest expense for the three months ended March 31, 2018 decreased \$3.0 million compared with the same period in 2017 primarily due to lower interest rates on our outstanding indebtedness due to the refinancing of our Credit Facilities, issuance of two new senior notes and redemption of two previously outstanding senior notes in the third and fourth quarters of 2017.

Other (Income) Expense, Net

The components of Other (income) expense, net for the three months ended March 31, 2018 and 2017 were as follows:

<i>In millions</i>	2018		2017	
Interest income	\$	(0.2)	\$	(0.1)
Foreign currency exchange loss		0.4		0.1
Loss from equity investments		—		0.6
Net periodic pension and postretirement benefit (income) cost, less service cost		(0.8)		0.7
Other		0.2		—
Other (income) expense, net	\$	(0.4)	\$	1.3

Other (income) expense, net for the three months ended March 31, 2018 was favorable \$1.7 million compared to the same period in 2017, due to Net periodic pension and postretirement benefit income, less service cost of \$0.8 million for the three months ended March 31, 2018, compared to Net periodic pension and postretirement benefit cost, less service cost of \$0.7 million for the same period of 2017.

Provision for Income Taxes

The effective income tax rates for the three months ended March 31, 2018 and 2017 were 16.0% and 16.5%. The decrease in the effective tax rate compared to 2017 is primarily due to the favorable impact of the Tax Reform Act, which is partially offset by reduction in the benefit associated with the vesting and exercise of share based compensation awards and an unfavorable year over year change in the timing of amounts recognized for uncertain tax positions.

Review of Business Segments

We operate in and report financial results for three segments: Americas, EMEIA, and Asia Pacific. These segments represent the level at which our chief operating decision maker reviews company financial performance and makes operating decisions.

Segment operating income is the measure of profit and loss that our chief operating decision maker uses to evaluate the financial performance of the business and as the basis for resource allocation, performance reviews, and compensation. For these reasons, we believe that Segment operating income represents the most relevant measure of segment profit and loss. Our chief operating decision maker may exclude certain charges or gains, such as corporate charges and other special charges from Operating income, to arrive at a Segment operating income that is a more meaningful measure of profit and loss upon which to base our operating decisions. We define Segment operating margin as Segment operating income as a percentage of Net revenues.

The segment discussions that follow describe the significant factors contributing to the changes in results for each segment included in Net earnings.

Segment Results of Operations - For the three months ended March 31

<i>in millions</i>	Three months ended		
	2018	2017	% Change
Net revenues			
Americas	\$ 439.1	\$ 407.6	7.7 %
EMEIA	150.3	118.4	26.9 %
Asia Pacific	23.7	22.8	3.9 %
Total	\$ 613.1	\$ 548.8	
Segment operating income (loss)			
Americas	\$ 109.7	\$ 108.8	0.8 %
EMEIA	8.5	6.4	32.8 %
Asia Pacific	(1.5)	0.6	(350.0)%
Total	\$ 116.7	\$ 115.8	
Segment operating margin			
Americas	25.0 %	26.7%	
EMEIA	5.7 %	5.4%	
Asia Pacific	(6.3)%	2.6%	

Americas

Our Americas segment is a leading provider of security products and solutions in approximately 30 countries throughout North America, Central America, the Caribbean and South America. The segment sells a broad range of products and solutions including, locks, locksets, portable locks, key systems, door closers, exit devices, doors and door systems, electronic product and access control systems to end-users in commercial, institutional and residential facilities, including into the education, healthcare, government, commercial office and single and multi-family residential markets. This segment's primary brands are LCN, Schlage, and Von Duprin.

Net Revenues

Net revenues for the three months ended March 31, 2018 increased by 7.7% , or \$31.5 million , compared to the same period in 2017 due to the following:

Pricing	1.4%
Volume	1.3%
Acquisitions	4.7%
Currency exchange rates	0.3%
Total	<u>7.7%</u>

The increase in Net revenues is primarily due to higher volumes, improved pricing, favorable foreign currency exchange rate movements and acquisitions in the current year. Net revenues from non-residential products for the three months ended March 31, 2018 increased high single digits compared to the same period in the prior year, primarily driven by acquisitions in the current year. Net revenues from residential products for the three months ended March 31, 2018 increased mid single digits compared to the same period in the prior year primarily due to channel led initiatives.

Operating income/margin

Segment operating income for the three months ended March 31, 2018 increased \$0.9 million and segment operating margin decreased to 25.0% from 26.7% compared to the same period in 2017 due to the following:

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<i>in millions</i>	Operating Income	Operating Margin
March 31, 2017	\$ 108.8	26.7 %
Pricing and productivity in excess of inflation	2.9	0.3 %
Volume/product mix	1.3	— %
Currency exchange rates	(0.3)	(0.1)%
Investment spending	(1.4)	(0.3)%
Acquisitions	(0.8)	(1.4)%
Restructuring / acquisition expenses	(0.8)	(0.2)%
March 31, 2018	\$ 109.7	25.0 %

Operating income increased due to favorable volume/product mix and pricing improvements and productivity in excess of inflation. These increases were partially offset by unfavorable foreign currency exchange rate movements, increased investment spending, acquisitions during the current year, and year-over-year changes in restructuring and acquisition expenses.

Operating margin decreased due to unfavorable foreign currency exchange rate movements, increased investment spending, acquisitions during the current year, and restructuring and acquisition expenses. These decreases were partially offset by pricing improvements and productivity in excess of inflation.

EMEA

Our EMEA segment provides security products and solutions in approximately 85 countries throughout Europe, the Middle East, India and Africa. The segment offers end-users a broad range of products, services and solutions including, locks, locksets, portable locks, key systems, door closers, exit devices, doors and door systems, electronic product and access control systems, as well as time and attendance and workforce productivity solutions. This segment's primary brands are AXA, Bricard, CISA, Interflex and SimonsVoss. This segment also resells LCN, Schlage, and Von Duprin products, primarily in the Middle East.

Net Revenues

Net revenues for the three months ended March 31, 2018 increased by 26.9% , or \$31.9 million , compared to the same period in 2017 due to the following:

Pricing	1.4%
Volume	4.5%
Acquisitions	5.6%
Currency exchange rates	15.4%
Total	26.9%

The increase in Net revenues is primarily due to higher volumes, improved pricing, favorable foreign currency exchange rate movements and acquisitions in the current year.

Operating income/margin

Segment operating income for the three months ended March 31, 2018 increased \$2.1 million and segment operating margin increased to 5.7% from 5.4% compared to the same period in 2017 due to the following:

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<i>in millions</i>	Operating Income	Operating Margin
March 31, 2017	\$ 6.4	5.4 %
Inflation in excess of pricing and productivity	(2.4)	(2.0)%
Volume/product mix	2.1	1.5 %
Currency exchange rates	2.3	1.0 %
Investment spending	(1.5)	(1.3)%
Acquisitions	0.5	0.2 %
Restructuring / acquisition expenses	1.1	0.9 %
March 31, 2018	\$ 8.5	5.7 %

The increases were primarily due to improvements in volume/product mix, favorable foreign currency exchange rate movements, acquisitions during the current year, and year-over-year changes in restructuring and acquisitions expenses. These increases were partially offset by inflation in excess of pricing and productivity and increased investment spending.

Asia Pacific

Our Asia Pacific segment provides security products and solutions in approximately 15 countries throughout the Asia Pacific region. The segment offers end-users a broad range of products, services and solutions including, locks, locksets, portable locks, key systems, door closers, exit devices, electronic product and access control systems. This segment's primary brands are Brio, FSH, Legge, Milre, and Schlage.

Net Revenues

Net revenues for the three months ended March 31, 2018 increased by 3.9% , or \$0.9 million , compared to the same period in 2017 due to the following:

Pricing	0.4 %
Volume	(0.2)%
Currency exchange rates	3.7 %
Total	3.9 %

The increase in Net revenues was primarily due to improved pricing and favorable foreign currency exchange rate movements. These increases were partially offset by slightly lower volumes.

Operating income/margin

Segment operating income for the three months ended March 31, 2018 decreased \$2.1 million and segment operating margin decreased to (6.3)% from 2.6% compared to the same period in 2017 due to the following:

<i>in millions</i>	Operating Income	Operating Margin
March 31, 2017	\$ 0.6	2.6 %
Inflation in excess of pricing and productivity	(0.6)	(2.7)%
Volume/product mix	(0.4)	(1.9)%
Currency exchange rates	(0.1)	(0.4)%
Investment spending	(0.4)	(1.5)%
Restructuring expenses	(0.6)	(2.4)%
March 31, 2018	\$ (1.5)	(6.3)%

The decreases were related to inflation in excess of pricing and productivity, unfavorable volume/product mix, foreign currency exchange rate movements, increased investment spending, and year-over-year changes in restructuring expenses.

Liquidity and Capital Resources

Sources and uses of liquidity

Our primary source of liquidity is cash provided by operating activities. Cash provided by operating activities is used to invest in new product development, fund capital expenditures and fund working capital requirements and is expected to be adequate to service any future debt, pay any declared dividends and potentially fund acquisitions and share repurchases. Our ability to fund these capital needs depends on our ongoing ability to generate cash provided by operating activities, and to access our borrowing facilities (including unused availability under our Revolving Facility) and capital markets. We believe that our future cash provided by operating activities, availability under our Revolving Facility and access to funds on hand and capital markets, will provide adequate resources to fund our operating and financing needs.

The following table reflects the major categories of cash flows for the three months ended March 31. For additional details, see the Condensed and Consolidated Statements of Cash Flows in the Condensed and Consolidated Financial Statements.

<i>In millions</i>	2018	2017
Net cash used in operating activities	\$ (10.1)	\$ (40.9)
Net cash used in investing activities	(284.9)	(27.8)
Net cash used in financing activities	(20.9)	(56.0)

Operating Activities

Net cash used in operating activities during the three months ended March 31, 2018 improved \$30.8 million compared to the same period in 2017. This improvement in net cash used in operating activities for the three months ended March 31, 2018 was primarily due to a discretionary \$50.0 million contribution to the U.S. qualified defined benefit pension plan in 2017 and higher Net earnings in the three months ended March 31, 2018, partially offset by changes in working capital.

Investing Activities

Net cash used in investing activities during the three months ended March 31, 2018 increased \$257.1 million compared to the same period in 2017. The increase in net cash used in investing activities is primarily due to \$270.5 million of cash payments related to acquisitions and \$5.8 million of investments in unconsolidated entities during the three months ended March 31, 2018, compared to just \$20.8 million for acquisitions during the same period in 2017.

Financing Activities

Net cash used in financing activities during the three months ended March 31, 2018 decreased \$35.1 million compared to the same period in 2017. The decrease in cash used in financing activities is primarily due to \$40.0 million of proceeds from our Revolving Facility during the three months ended March 31, 2018, partially offset by increased dividend payments of \$19.7 million during the three months ended March 31, 2018 compared to \$15.2 million during the same period in 2017.

Capitalization

Borrowings and current maturities of long-term debt consisted of the following:

<i>In millions</i>	March 31, 2018	December 31, 2017
Term Facility	\$ 682.5	\$ 691.3
Revolving Facility	40.0	—
3.200% Senior Notes due 2024	400.0	400.0
3.550% Senior Notes due 2027	400.0	400.0
Other debt	1.4	1.0
Total borrowings outstanding	1,523.9	1,492.3
Less discounts and debt issuance costs, net	(14.5)	(15.0)
Total debt	1,509.4	1,477.3
Less current portion of long-term debt	35.3	35.0
Total long-term debt	\$ 1,474.1	\$ 1,442.3

As of March 31, 2018, we have a Credit Agreement in place that provides for up to \$1,200.0 million in unsecured financing, consisting of a \$700.0 million term loan facility (the “Term Facility”) and a \$500.0 million revolving credit facility (the “Revolving Facility” and, together with the Term Facility, the “Credit Facilities”). The Credit Facilities mature on September 12, 2022. The Term Facility amortizes in quarterly installments at the following rates: 1.25% per quarter starting December 31, 2017 through December 31, 2020, 2.5% per quarter from March, 31, 2021 through June 30, 2022, with the balance due on September 12, 2022. The Revolving Facility provides aggregate commitments of up to \$500.0 million, which includes up to \$100.0 million for the issuance of letters of credit. At March 31, 2018, we had \$40.0 million of borrowings outstanding on the Revolving Facility, and we had \$17.5 million of letters of credit outstanding.

Outstanding borrowings under the Credit Facilities accrue interest, at our option of (i) a LIBOR rate plus the applicable margin or (ii) a base rate plus the applicable margin. The applicable margin ranges from 1.125% to 1.500% depending on our credit ratings. To manage our exposure to fluctuations in LIBOR rates, we have interest rate swaps to fix the interest rate for \$250.0 million of the outstanding borrowings (see Note 8).

As of March 31, 2018, we also have \$400.0 million outstanding of 3.200% Senior Notes due 2024 (the “3.200% Senior Notes”) and \$400.0 million outstanding of 3.550% Senior Notes due 2027 (the “3.550% Senior Notes” and, together with the 3.200% Senior Notes, the “Notes”). The Notes require semi-annual interest payments on April 1 and October 1 of each year, and will mature on October 1, 2024 and October 1, 2027, respectively.

Historically, the majority of our earnings were considered to be permanently reinvested in jurisdictions where we have made, and intend to continue to make, substantial investments to support the ongoing development and growth of our global operations. We are currently analyzing our global working capital requirements and the potential tax liabilities that would be incurred if certain non-U.S. subsidiaries made distributions, which include local country withholding tax and potential U.S. state taxation.

Pension Plans

Our investment objective in managing defined benefit plan assets is to ensure that all present and future benefit obligations are met as they come due. We seek to achieve this goal while trying to mitigate volatility in plan funded status, contribution and expense by better matching the characteristics of the plan assets to that of the plan liabilities. Global asset allocation decisions are based on a dynamic approach whereby a plan's allocation to fixed income assets increases as the funded status increases. We monitor plan funded status, asset allocation, and the impact of market conditions on our defined benefit plans regularly in addition to investment manager performance. For further details on pension plan activity, see Note 9 to the Condensed and Consolidated Financial Statements.

For a further discussion of Liquidity and Capital Resources, refer to Part II, Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations," contained in the our Annual Report on Form 10-K for the period ended December 31, 2017.

Critical Accounting Policies

Management's Discussion and Analysis of Financial Condition and Results of Operations are based upon our Condensed and Consolidated Financial Statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of financial statements in conformity with those accounting principles requires management to use judgments in making estimates and assumptions based on the relevant information available at the end of each period. These estimates and assumptions have a significant effect on reported amounts of assets and liabilities, revenue and expenses, as well as the disclosure of contingent assets and liabilities because they result primarily from the need to make estimates and assumptions on matters that are inherently uncertain. Actual results may differ from estimates.

Management believes there have been no significant changes during the three months ended March 31, 2018, to the items that we disclosed as our critical accounting policies in "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the year ended December 31, 2017.

Recent Accounting Pronouncements

See Note 2 to our Condensed and Consolidated Financial Statements for a discussion of recently issued and adopted accounting pronouncements.

Safe Harbor Statement

Certain statements in this report, other than purely historical information, are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements generally are identified by the words "believe," "project," "expect," "anticipate," "estimate," "forecast," "outlook," "intend," "strategy," "plan," "may," "should," "will," "would," "will be," "will continue," "will likely result," or the negative thereof or variations thereon or similar terminology generally intended to identify forward-looking statements.

Forward-looking statements may relate to such matters as projections of revenue, margins, expenses, tax provisions, earnings, cash flows, benefit obligations, dividends, share purchases or other financial items; any statements of the plans, strategies and objectives of management for future operations, including those relating to any statements concerning expected development, performance or market share relating to our products and services; any statements regarding future economic conditions or our performance; any statements regarding pending investigations, claims or disputes; any statements of expectation or belief; and any statements of assumptions underlying any of the foregoing. These statements are based on currently available information and our current assumptions, expectations and projections about future events. While we believe that our assumptions, expectations and projections are reasonable in view of the currently available information, you are cautioned not to place undue reliance on our forward-looking statements. You are advised to review any further disclosures we make on related subjects in materials we file with or furnish to the SEC. Forward-looking statements speak only as of the date they are made and are not guarantees of future performance. They are subject to future events, risks and uncertainties - many of which are beyond our control - as well as potentially inaccurate assumptions, that could cause actual results to differ materially from those in our forward looking statements. We do not undertake to update any forward-looking statements.

Factors that might affect our forward-looking statements include, among other things:

- economic, political and business conditions in the markets in which we operate;
- the demand for our products and services;
- competitive factors in the industry in which we compete;
- the ability to protect and use intellectual property;
- emerging products and services introduced by competitors and their adoption by our customers;
- fluctuations in currency exchange rates;
- the ability to complete and integrate any acquisitions;
- our ability to operate efficiently and productively;
- our ability to manage risks related to our information technology and cyber-security;
- changes in tax requirements (including tax rate changes, new tax laws and revised tax law interpretations);

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- the outcome of any litigation, governmental investigations or proceedings;
- interest rate fluctuations and other changes in borrowing costs;
- other capital market conditions, including availability of funding sources and currency exchange rate fluctuations;
- availability of and fluctuations in the prices of key commodities and the impact of higher energy prices;
- potential further impairment of our goodwill, indefinite-lived intangible assets and/or our long-lived assets;
- the possible effects on us of future legislation or interpretations in the U.S. that may limit or eliminate potential U.S. tax benefits resulting from our incorporation in a non-U.S. jurisdiction, such as Ireland, or deny U.S. government contracts to us based upon our incorporation in such non-U.S. jurisdiction; and
- the impact our outstanding indebtedness may have on our business and operations.

Some of the significant risks and uncertainties that could cause actual results to differ materially from our expectations and projections are described more fully in the “Risk Factors” section of this Quarterly Report on Form 10-Q and our Annual Report on Form 10-K for the fiscal year ended December 31, 2017 . There may also be other factors that have not been anticipated or that are not described in our periodic filings with the SEC, generally because we did not believe them to be significant at the time, which could cause results to differ materially from our expectations.

Item 3 – Quantitative and Qualitative Disclosures about Market Risk

There have been no other significant changes in our exposure to market risk during the first quarter of 2018 . For a discussion of the Company’s exposure to market risk, refer to Part II, Item 7A, “Quantitative and Qualitative Disclosures About Market Risk,” contained in the Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2017 .

Item 4 – Controls and Procedures

The Company’s management, including its Chief Executive Officer and Chief Financial Officer, have conducted an evaluation of the effectiveness of disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)), as of the end of the period covered by this Quarterly Report on Form 10-Q. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer concluded as of March 31, 2018 , that the disclosure controls and procedures are effective in ensuring that all material information required to be filed in this Quarterly Report on Form 10-Q has been recorded, processed, summarized and reported when required and the information is accumulated and communicated to the Company's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

There has been no change in the Company’s internal control over financial reporting that occurred during the first quarter of 2018 that has materially affected, or is reasonably likely to materially affect, the Company’s internal control over financial reporting.

PART II – OTHER INFORMATION**Item 1 – Legal Proceedings**

In the normal course of business, we are involved in a variety of lawsuits, claims and legal proceedings, including commercial and contract disputes, employment matters, product liability claims, environmental liabilities, intellectual property disputes and tax-related matters. In our opinion, pending legal matters are not expected to have a material adverse impact on our results of operations, financial condition, liquidity or cash flows.

Item 1A – Risk Factors

There have been no material changes to our risk factors contained in our Annual Report on Form 10-K for the period ended December 31, 2017. For a further discussion of our Risk Factors, refer to the “Risk Factors” discussion contained in our Annual Report on Form 10-K for the period ended December 31, 2017.

Item 2 - Unregistered Sales of Equity Securities and Use of Proceeds**Issuer Purchases of Equity Securities**

Period	Total number of shares purchased (000s)	Average price paid per share	Total number of shares purchased as part of program (000s)	Approximate dollar value of shares still available to be purchased under the program (000s)
January 1 - January 31	—	—	—	\$ 439,992
February 1 - February 28	238	\$ 86.55	238	419,359
March 1 - March 31	114	82.52	114	409,999
Total	352	\$ 85.25	352	\$ 409,999

In February 2017, our Board of Directors approved a stock repurchase authorization of up to \$500 million of the Company's ordinary shares (the "2017 Share Repurchase Authorization"). Based on market conditions, share repurchases are made from time to time in the open market at the discretion of management. The 2017 Share Repurchase Authorization does not have a prescribed expiration date.

Item 6 – Exhibits

(a) Exhibits

<u>Exhibit No.</u>	<u>Description</u>	<u>Method of Filing</u>
12.1	Ratio of Earnings to Fixed Charges.	Filed herewith.
31.1	Certification of Chief Executive Officer Pursuant to Rule 13a-14(a) or Rule 15d-14(a), as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.	Filed herewith.
31.2	Certification of Chief Financial Officer Pursuant to Rule 13a-14(a) or Rule 15d-14(a), as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.	Filed herewith.
32.1	Certifications of Chief Executive Officer and Chief Financial Officer Pursuant to Rule 13a-14(b) or Rule 15d-14(b) and 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.	Furnished herewith.
101	The following materials from the Company’s Quarterly Report on Form 10-Q for the quarter ended March 31, 2018, formatted in XBRL (Extensible Business Reporting Language): (i) the Condensed and Consolidated Statements of Comprehensive Income, (ii) the Condensed and Consolidated Balance Sheets, (iii) the Condensed and Consolidated Statement of Cash Flows, and (iv) Notes to Condensed and Consolidated Financial Statements.	Filed herewith.

ALLEGION PLC

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.

ALLEGION PLC
(Registrant)

Date: April 26, 2018

/s/ Patrick S. Shannon

**Patrick S. Shannon, Senior Vice President
and Chief Financial Officer
Principal Financial Officer**

Date: April 26, 2018

/s/ Douglas P. Ranck

**Douglas P. Ranck, Vice President,
Controller and Chief Accounting Officer
Principal Accounting Officer**

Allegion plc
RATIO OF EARNINGS TO FIXED CHARGES

	Three months ended March 31,		Year Ended December 31,				
	2018	2017	2017	2016	2015	2014	2013
Earnings from continuing operations							
before income taxes	\$ 86.2	\$ 82.9	\$ 395.7	291.3	\$ 209.5	\$ 267.4	\$ 223.4
Fixed charges	16.2	18.8	117.5	75.1	63.6	60.1	22.0
Total earnings	\$ 102.4	\$ 101.7	\$ 513.2	\$ 366.4	\$ 273.1	\$ 327.5	\$ 245.4
Fixed charges:							
Interest expense*	\$ 12.9	\$ 15.9	\$ 105.7	\$ 64.3	\$ 52.9	\$ 49.3	\$ 10.2
Rentals (one-third of rentals)	3.3	2.9	11.8	10.8	10.7	10.8	11.8
Total fixed charges	\$ 16.2	\$ 18.8	\$ 117.5	\$ 75.1	\$ 63.6	\$ 60.1	\$ 22.0
Ratio of earnings to fixed charges	6.3	5.4	4.4	4.9	4.3	5.4	11.2

* Includes interest expense on all third-party indebtedness, and excludes interest related to unrecognized tax benefits, which is reported as income tax expense.

The ratio of earnings to fixed charges was computed by dividing earnings by fixed charges for the periods indicated where earnings consists of (1) earnings from continuing operations before income taxes plus (2) fixed charges. Fixed charges consist of (a) interest on all indebtedness, (b) amortization of premiums, discounts and capitalized expenses related to indebtedness and (c) an interest component representing the estimated portion of rental expense that management believes is attributable to interest.

CERTIFICATION

I, David D. Petratis, certify that:

1. I have reviewed the Quarterly Report on Form 10-Q of Allegion plc for the three months ended March 31, 2018 ;
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.

Date: April 26, 2018

/s/ David D. Petratis

David D. Petratis

Principal Executive Officer

CERTIFICATION

I, Patrick S. Shannon, certify that:

1. I have reviewed the Quarterly Report on Form 10-Q of Allegion plc for the three months ended March 31, 2018 ;
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.

Date: April 26, 2018

/s/ Patrick S. Shannon

Patrick S. Shannon

Principal Financial Officer

Section 1350 Certifications
Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
(Subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code)

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (Subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), each of the undersigned officers of Allegion plc (the Company), does hereby certify that:

The Quarterly Report on Form 10-Q for the three months ended March 31, 2018 (the Form 10-Q) of the Company fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ David D. Petratis

David D. Petratis

Principal Executive Officer

April 26, 2018

/s/ Patrick S. Shannon

Patrick S. Shannon

Principal Financial Officer

April 26, 2018