# A. Schulman, Inc. Overview

Bank of America Merrill Lynch Leveraged Finance Conference 2017

November 29, 2017



# **Cautionary Note**

A number of the matters discussed in this document that are not historical or current facts deal with potential future circumstances and developments may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by the fact that they do not relate strictly to historic or current facts and relate to future events and expectations. Forward-looking statements contain such words as "anticipate," "estimate," "expect," "project," "intend," "plan," "believe," and other words and terms of similar meaning in connection with any discussion of future operating or financial performance. Forward-looking statements are based on management's current expectations and include known and unknown risks, uncertainties and other factors, many of which management is unable to predict or control, that may cause actual results, performance or achievements to differ materially from those expressed or implied in the forward-looking statements. Important factors that could cause actual results to differ materially from those suggested by these forward-looking statements, and that could adversely affect the Company's future financial performance, include, but are not limited to, the following:

- worldwide and regional economic, business and political conditions, including continuing economic uncertainties in some or all of the Company's major product markets or countries where the Company has operations;
- the effectiveness of the Company's efforts to improve operating margins through sales growth, price increases, productivity gains, and improved purchasing techniques;
- competitive factors, including intense price competition;
- fluctuations in the value of currencies in areas where the Company operates;
- volatility of prices and availability of the supply of energy and raw materials that are critical to the manufacture of the Company's products, particularly plastic resins derived from oil and natural gas;
- changes in customer demand and requirements;
- effectiveness of the Company to achieve the level of cost savings, productivity improvements, growth and other benefits anticipated from acquisitions, joint ventures and restructuring initiatives;
- escalation in the cost of providing employee health care;
- uncertainties and unanticipated developments regarding contingencies, such as pending and future litigation and other claims, including developments that would require increases in our costs and/or reserves for such contingencies;
- the performance of the global automotive market as well as other markets served;
- further adverse changes in economic or industry conditions, including global supply and demand conditions and prices for products;
- operating problems with our information systems as a result of system security failures such as viruses, cyber-attacks or other causes;
- our current debt position could adversely affect our financial health and prevent us from fulfilling our financial obligations; and
- failure of counterparties to perform under the terms and conditions of contractual arrangements, including suppliers, customers, buyers and sellers of a business and other third parties with which the Company contracts.

The risks and uncertainties identified above are not the only risks the Company faces. Additional risk factors that could affect the Company's performance are set forth in the Company's Annual Report on Form 10-K for the fiscal year ended August 31, 2017. In addition, risks and uncertainties not presently known to the Company or that it believes to be immaterial also may adversely affect the Company. Should any known or unknown risks or uncertainties develop into actual events, or underlying assumptions prove inaccurate, these developments could have material adverse effects on the Company's business, financial condition and results of operations.



# **Use of Non-GAAP Financial Measures**

This presentation includes certain financial information determined by methods other than in accordance with accounting principles generally accepted in the United States ("GAAP"). The Company uses segment gross profit, SG&A expenses excluding certain items, segment operating income, operating income before certain items, net income excluding certain items, net income per diluted share excluding certain items and adjusted EBITDA to assess performance and allocate resources because the Company believes that these measures are useful to investors and management in understanding current profitability levels that may serve as a basis for evaluating future performance and facilitating comparability of results. In addition, segment operating income, operating income before certain items and net income excluding certain items are important to management as all are a component of the Company's annual and long-term employee incentive plans. Non-GAAP measures are not in accordance with, nor are they a substitute for, GAAP measures, and tables included in this release reconcile each non-GAAP financial measure with the most directly comparable GAAP financial measure. The most directly comparable GAAP financial measures for these purposes are gross profit, SG&A expenses, operating income, net income and net income per diluted share. The Company's non-GAAP financial measures are not meant to be considered in isolation or as a substitute for comparable GAAP financial measures, and should be read only in conjunction with the Company's consolidated financial statements prepared in accordance with GAAP.

While the Company believes that these non-GAAP financial measures provide useful supplemental information to investors, there are very significant limitations associated with their use. These non-GAAP financial measures are not prepared in accordance with GAAP, may not be reported by all of the Company's competitors and may not be directly comparable to similarly titled measures of the Company's competitors due to potential differences in the exact method of calculation. The Company compensates for these limitations by using these non-GAAP financial measures as supplements to GAAP financial measures and by reviewing the reconciliations of the non-GAAP financial measures to their most comparable GAAP financial measures.

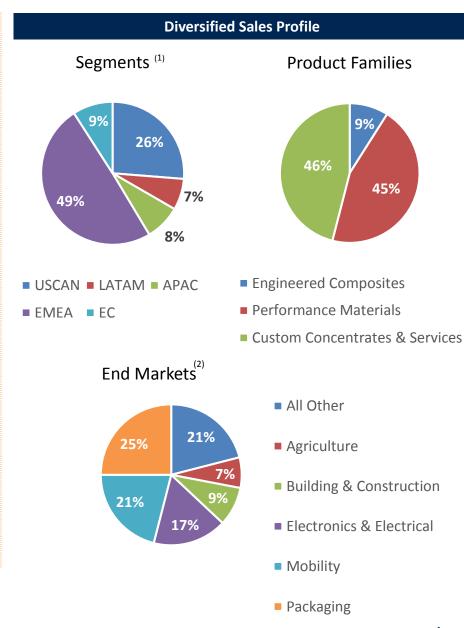


# A. Schulman: Value-Added Specialty Material Solutions Provider

### **Business Highlights**

- A premier international supplier of designed and engineered plastic compounds, composites, color concentrates, size reduction services and specialty molded parts
  - Products and services used in a variety of consumer, packaging, industrial and automotive applications
  - FY 2017 net sales of \$2.5 billion and EBITDA of \$203 million<sup>(3)</sup>
- Global footprint of operations and commercial representatives
  - 54 manufacturing locations worldwide
  - ~4,900 employees
- Diverse customer base of multinational and regional players
  - Broad range of product capabilities
  - Applications spanning across high-growth end-markets
  - New product innovation/technology driven by five state-ofthe-art Innovation and Collaboration Centers globally
- Platform for organic expansion
- Strong cash flow conversion

Note: 1) Percentages do not sum to 100% due to rounding. 2) Net sales by endmarket based on FY 2015. 3) <sup>3</sup>Non-GAAP EBIT plus depreciation and amortization



## A. Schulman's Business Overview

A. Schulman's **Business** Model



In the specialty chemical industry, A. Schulman provides, on a global and local level, customized services and innovative material/application solutions which allow its customers to enhance the performance, appearance and/or ability to process its products - providing SHLM's customers with critical solutions and differentiation in their markets.

### SHLM's Capabilities

## **Polymer Additives Polymer**



Polypropylene, Polyethylene & Nylon



Unsaturated **Polyester** Resin

# **Fiber & Reinforcements**





Pigments, Carbon Fiber/Fiberglass, Flame Retardants. Colors and TiO2

## **Finished** Compound



Engineered Thermoplastics, Masterbatch, **Specialty Powders &** Engineered Composites

### **Customers**

### **Independent Converters**

### **Captive Converters**

"Tier 1" Industrial **Companies** 

"Tier 2" Industrial **Companies** 

**Original Equipment** Manufacturers (OEMs)

### **End-User Markets**



**Packaging** 





**Building and** Construction





Agriculture





Hygiene



Sports, Leisure & Home



**Electrical & Electronics** 



# A. Schulman: A Crucial Supplier to Its Customers

Product **Families** 

**Custom Concentrates and Services ("CC&S")** 

Performance Materials ("PM")

**Engineered Composites** 

**Product** Groups

Masterbatch Solutions ("MBS") **Specialty Powders** ("SP")

**Custom Performance** Colors ("CPC")

**Engineered Plastics** ("EP")

**Distribution Services** ("DS")

("EC")

SHLM's Role

Provides masterbatch (e.g., concentrates) as ingredient for application formula

- Enhances antibacterial and antioxidant performance, among other attributes
- · Reduces polymer resins in pellet form to a specified powder size and form
- · Provides jet milling as well as cryogenic & ambient grinding services
- · Offers powdered and liquid color concentrates
- Provides additional functionality such as weather resistance
- Offers plastics materials used by customers in the end products
- · Highly technical products, technical sales team, specified by OEM customers, and long lead-time sales cycle
- · Connects polymer producers and markets outside of their focus
- · Purchases. repackages and resells producer grade polymers to customers
- · Offers highly filled compounds used for injection/compression molding processes
- SMC(1) and BMC(2) products also sold as molded finished goods

Why SHLM is Critical?

 High-value applications including films, food packaging and consumer goods

- Improves performance, appearance and processing of plastics
- · A provider of biodegradable solutions for oil & gas applications
- · Specialized milling & grinding capabilities to meet demanding specifications
- · High-end color capabilities including pearlescent, metallic and other special effects
- Efficient service model with quick turn around and speed to market
- · Excellent aesthetics
- Broad capabilities
- Global specified grade
- · Niche automotive applications
- · Simplifies customers' business needs
- Provides sales channel support
- Strong relationships with top suppliers
- Material agnostic with unmatched array of technical & formulation capabilities
- · Superior heat, chemical & electrical resistance

**Example Products/Services** 



**Greenhouse Films** 



**Food Packaging** 



**Food Packaging Film OTC Medicine Bottles** 



**Kayaks** 



**Water Tank** 



Oil Field Services





Tovs





Thermal Insulation



**Water Tank Housing** 







Firefighter Helmet



**Light Vehicle Headlamp** 



**Golf Clubs** 



# 2017 Reset Year

## Realign

- Realignment of product families driving savings of ~\$6MM annually
- Simplified customer relations

### **Refocus on Sales**

- Created improved performance-based global sales incentive plan for fiscal 2018
- Enhanced reporting metrics
- Focus intensely on cross-selling and full product portfolio training

## **Reinvigorate Innovation**

- · Spreading new innovation globally through inter-regional collaboration
- · Conducting quarterly product innovation reviews

## **Return Operational Stability**

- Minimal property damage from Hurricane Harvey but experienced business interruptions
- Major operational improvements in LaPorte, Texas to improve capacity utilization and quality
- · Operational optimization in Evansville, Indiana to improve capacity utilization and margins

REINVIGORATED BUSINESS MODEL - ACCELERATING GROWTH



# Financial Highlights – FY17 vs. FY16

## FULL YEAR FINANCIAL HIGHLIGHTS (\$MM, \$/SH)

	GAAP Co	omparison	Adjusted (	Comparison
	FY17	FY16	FY17	FY16
REVENUE	2461.1	2496.0	2461.1	2496.0
OP INCOME	85.8	(309.2)	126.5*	145.9*
NET INCOME	25.5	(364.6)	51.8*	61.2*
EBITDA*			203.4	228.9
EPS - diluted	0.86	(12.44)	1.75*	2.08*

- Revenues flat excluding foreign currency translation
- FY17 adjusted EPS of \$1.75 includes USCAN operational issues and unrecovered raw material increases in EMEA
- Includes negative \$0.08/sh foreign currency impact

FISCAL 2017 RESET YEAR; POSITIONED FOR RECOVERY IN FISCAL 2018



# **Net Debt / Leverage Covenant**

- Net debt \$863MM at end of fiscal 2017
- 2017 net debt reduction \$38MM
- Net leverage ratio at 4.15x
- Company has paid approximately \$200MM of total debt since the purchase of Citadel in mid-2015
- Covenant amended to increase financial flexibility

# **SHLM 2018 Targets and Risk Factors**

METRIC*	FY18
EBITDA	\$220 – \$230MM
EPS	\$2.00 - \$2.20/sh

## **Strategic Uses of Cash**

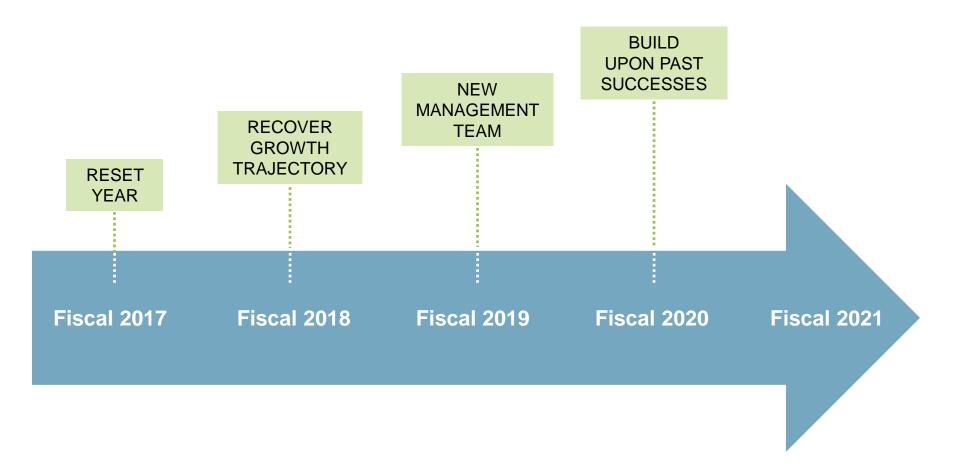
- Debt service
- Maintain dividend
- Capital investment/restructuring
- Additional debt pay down

**EPS GUIDANCE (AT THE MID-RANGE) REPRESENTS A 20% INCREASE OVER FY17** 

\*FY18 guidance assumes Euro rate of \$1.15 compared with \$1.10 on average in FY17. Metrics are on a non-GAAP basis. Refer to the reconciliation of GAAP and Non-GAAP financial measures for types of items excluded from our business outlook.



# 2017 Reset Year: Momentum in FY17Q4



REINVIGORATED BUSINESS MODEL ACCELERATING GROWTH



# **Appendix**

# **Significant Events**

## **Lucent Litigation Update:**

- Cooperating with federal government in its investigations
  - Company understands investigation relates to its allegations of fraud against Citadel
  - Company identified as a possible victim of a crime by the Federal Bureau of Investigation

### **New Board Members:**

- Added Carol Eicher & Allen Spizzo to board in September
  - Both highly experienced industry leaders
- Added Dr. William Joyce as senior advisor to the Board & consultant to the Company
  - Renowned chemicals industry executive with proven track record of delivering value

# Financial Highlights – FY17Q4 vs. FY16Q4

## FOURTH QUARTER FINANCIAL HIGHLIGHTS (\$MM, \$/SH)

	GAAP C	omparison	Adjusted (	Comparison
	FY17Q4	FY16Q4	FY17Q4	FY16Q4
REVENUE	646.7	604.6	646.7	604.6
OP INCOME	13.1	(383.0)	27.0*	33.6*
NET INCOME	7.4	(385.1)	9.6*	13.7*
EBITDA*			46.1	53.9
EPS - diluted	0.25	(13.12)	0.32*	0.47*

- Reported sales up 6%, excluding FX; USCAN recorded first positive comparison in the last five quarters
- Positive operating income comparisons in LATAM & EC; APAC continues to deliver strong results
- Stabilization of USCAN operations improved results substantially on a sequential basis
- Unrecovered raw material price increases in EMEA; significant portion of earnings shortfall



# **Segment Financial Highlights – Q4FY17**

EMEA (\$MM)										
	FY17Q4	FY16Q4								
Revenue	317.8	299.2								
Change (ex FX)	4%									
Operating Income <sup>1</sup>	11.8	17.4								
Operating Margin <sup>1</sup>	3.7%	5.8%								

USCAN (\$MM)										
	FY17Q4	FY16Q4								
Revenue	164.2	158.9								
Change	3%									
Operating Income <sup>1</sup>	8.7	8.9								
Operating Margin <sup>1</sup>	5.3%	5.6%								

### Revenue

- Volumes were flat to up in nearly all product lines; PM hurt by lower customers activity due to raw material price uncertainty
- Revenue gain on price mix improvements; CC&S particularly strong

### **Operating Income**

- Unrecovered raw material prices increases a significant portion of shortfall
- Lower structural SG&A costs were a partial offset

### Revenue

- USCAN positive revenue growth driven by strong pricing
- CCS performance strong, both price and volume, helped by improved oil field activity

## **Operating Income**

Lower slightly but notable sequential improvement



# Segment Financial Highlights – FY17Q4

LATAM	(\$MM)	
	FY17Q4	FY16Q4
Revenue	50.1	44.9
Change (ex FX)	11%	
Operating Income <sup>1</sup>	6.0	5.7
Operating Margin <sup>1</sup>	12.0%	12.7%

APAC	(\$IVIIVI)	
	FY17Q4	FY16Q4
Revenue	55.6	49.3
Change (ex FX)	15%	
Operating Income <sup>1</sup>	4.2	4.4
Operating Margin <sup>1</sup>	7.5%	9.0%

EC (\$	EC (\$MM)										
	FY17Q4	FY16Q4									
Revenue	58.9	52.3									
Change (ex FX)	12%										
Operating Income <sup>1</sup>	4.7	4.3									
Operating Margin <sup>1</sup>	8.0%	8.2%									

### Revenue

- Base revenue up double-digit
- Volumes rose at both PM and CCS; overall pricing positive

### **Operating Income**

- · Operating income increased as a result of higher volumes
- SG&A lower on percentage of sales basis

### Revenue

 Revenue increased largely driven PM in China and Malaysia

## **Operating Income**

- Price/cost mix positive
- Increased SG&A to support growth initiatives

### Revenue

- Quantum carbon fiber shipments strong
- · Notable gains in oil field and electrical markets

## **Operating Income**

- Positive price/cost mix
- SG&A lower in dollars and as a percentage of sales



						A. SCH	IULMAN,	INC.										
			Reco	oncilia	tion of C	AAP an	nd Non-G.	AAP Fin:	ancial M	leasur	res							
							Unaudited											
Three months ended August 31, 2017		ost of ales	Gross Margin	S	3&A		ucturing pense	As: Impair		In	erating come Loss)	Ope (Inc	lon rating ome) ense	ezp	me taz ense nefit)	Avai ASI C	ncome lable to common holders	Dilute EPS
							(In thousa	nds, excep	t for %'s, p	er pou	nd and per sha	ire data)	l					
As reported	\$	555,516	14.1%	\$	74,813	\$	1,159	\$		\$	13,134	\$	13,576	\$	(9,997)	\$	7,400	\$ 0.2
Certain items:																		
Asset impairments (1)					(375)						375		(1,265)		188		1,452	0.0
Accelerated depreciation (2)		(588)			(243)						831				279		552	0.0
Restructuring & related costs (4)		(408)			(6,229)		(1,159)				7,796				2,912		4,884	0.1
Lucent costs (5)					(2,830)						2,830				1,070		1,760	0.0
Curtailment loss											2,029				699		1,330	0.0
Gain on asset sale (9)													1,036		(343)		(693)	(0.02
Tax (benefits) charges (8)	_	<u> </u>		_									<u> </u>		7,127		(7,127)	(0.24
Total certain items		(996)	0.1%		(9,677)		(1,159)				13,861		(229)		11,932		2,158	0.0
As Adjusted	\$	554,520	14.2%	\$	65,136	\$		\$	-	\$	26,995	\$	13,347	\$	1,935	\$	9,558	\$ 0.3
Percentage of Revenue					10.0%						4.2%						15%	
Effective Tax Rate															14.2%			
										On	erating		lon rating	Inco	me tar		income lable to	

Three months ended August 31, 2016		ost of Sales	Gross Margin	s	G&A		tructuring ipense	lmp	tsset airment	in (1	erating come Loss)	Ope (Inc Exp	on rating ome) ense	ex	me tax ense nefit)	Ava ASI (	Income ilable to Common kholders	Diluted EPS
As reported	\$	507,893	16.0%	\$	74,243	\$	3,763	nas, ex	401,667	per pour \$	nd and per sh: (382,980)	are data) \$	14,475		(12,716)	\$	(385,079)	\$ (13.12)
•	*	301,033	10.074	*	14,240	*	3,163	*	401,007	*	(002,300)	*	14,415	*	(12,710)	*	(303,013)	φ (10.12)
Certain items:																		
Asset impairments (1)		-			-		-		(401,667)		401,667		-		90,375		311,292	10.62
Accelerated depreciation (2)		(1,509)			(4)		-		-		1,513				292		1,221	0.04
Costs related to acquisitions & integrations (3)		(247)			(972)		-		-		1,219		-		199		1,020	0.03
Restructuring & related costs (4)		1,249			(5,289)		(3,763)		-		7,803		1		1,548		6,254	0.22
Lucent costs (5)		(241)			(752)		-		-		993		-		161		832	0.03
Deferred financing fees (6)		-			-		-		-		-		(165)		33		132	-
CEO transition costs (7)		-			(3,399)		-		-		3,399				765		2,634	0.09
Tax (benefits) charges (8)		-			-		-		-		-		-		(77,021)		77,021	2.62
Loss (income) from discontinued operations		_			_		_		_		-		_		_		(1,578)	(0.06)
Total certain items	=	(748)	0.1%		(10,416)		(3,763)		(401,667)		416,594		(164)		16,352		398,828	13.59
As Adjusted	\$	507,145	16.1%	\$	63,827	\$		\$		\$	33,614	\$	14,311	\$	3,636	\$	13,749	\$ 0.47
Percentage of Revenue					10.6%						5.6%						2.3%	
Effective Tax Rate															18.8%			



			-	A. SCHULMAN	, INC.							
		Reconcil	iation of GA	AP and Non-	GAAP Financi	al Measures						
				Unsudited								
Year ended August 31, 2017	Cost of Sales	Gross Margin	Restructuring SG&A Expense		Asset Operating Impairment Income (Loss)		Non Operating (Income) Expense	Income tax expense (benefit)	Net Income Available to ASI Common Stockholders	Diluted EPS		
	(In thousands, except for X's, per pound and per share data)											
As reported	\$ 2,081,361	15.4%	\$ 277,365	\$ 13,520	\$ 1,053	\$ 85,796	\$ 53,463	\$ (1,840)	\$ 25,526	\$ 0.86		
Certain items:												
Asset impairments (1)					(1,053)	1,053	(2,888)	662	3,279	0.11		
Accelerated depreciation (2)	(1,647)		(244)			1,891		497	1,394	0.05		
Costs related to acquisitions & integrations (3)	(57)		(548)			605		125	480	0.02		
Restructuring & related costs (4)	(1,450)		(14,002)	(13,520)		28,972		7,274	21,638	0.73		
Lucent costs (5)	(190)		(5,775)			5,365		1,716	4,249	0.14		
Curtailment loss			-			2,029	-	693	1,330	0.05		
Accelerated amortization of debt issuance costs (6)							(227)	47	180	0.01		
CEO transition costs (7)			(196)			196		40	156	0.01		
Gain on asset sale (9)			-				1,205	(378)	(827)	(0.03)		
Tax (benefits) charges (8)								5,693	(5,693)	(0.20)		
Total certain items	(3,344)	0.2%	(20,765)	(13,520)	(1,053)	40,711	(1,910)	16,375	26,246	0.89		
As Adjusted	\$ 2,078,017	15.6%	\$ 256,600	\$ ·	<b>s</b> -	\$ 126,507	\$ 51,553	\$ 14,535	\$ 51,772	\$ 1.75		
Percentage of Revenue			10.4%			5.1%			2.1%			
Effective Tax Rate								19.4%				

Year ended August 31, 2016	Cost of Sales	Gross Margia	SGŁA	Restructuring Expense (In th	Asset Impairment ousands, except for 2	Operating Income (Loss) is, per pound and per s	Non Operating (Income) Expense thare data)	lacome tax expense (benefit)	Net Income Available to ASI Common Stockholders	Dileted EPS
As reported	\$ 2,095,085	16.1%	\$ 296,725	\$ 11,768	\$ 401,667	\$ (309,240)	\$ 57,265	\$ (8,640)	\$ (364,622)	\$(12.44)
Certain items:										
Asset impairments (1)					(401,667)	401,667		30,375	311,232	10.53
Accelerated depreciation (2)	(6,288)		(21)			6,303		1,420	4,889	0.17
Costs related to acquisitions & integrations (3)	(2,769)		(6,020)			8,789		1,978	6,811	0.24
Restructuring & related costs (4)	(1,283)		(14,711)	(11,768)		27,762	(770)	6,420	22,113	0.76
Lucent costs (5)	(2,085)		(5,176)			7,261		1,634	5,627	0.19
Deferred financing fees (6)							(600)	135	465	0.02
CEO transition costs (7)			(3,399)			3,399		765	2,634	0.09
Tax (benefits) charges (8)								(73,824)	73,824	2.53
Loss (income) from discontinued operations									(1,861)	(0.07)
Total certain items	(12,425)	0.5%	(29,327)	(11,768)	(401,667)	455,187 #	(1,370)	28,903	425,794	14.52
As Adjusted	\$ 2,082,660	16.6%	\$ 267,338	<b>.</b>	\$ -	\$ 145,947	\$ 55,895	\$ 20,263	\$ 61,172	\$ 2.08
Percentage of Revenue			10.7%			5.8%			2.5%	
Effective Tax Rate								22.5%		



# **Explanation of Adjustments**

- 1. Asset impairments are related to goodwill and intangible assets, and also include information technology assets, in the Company's USCAN, EC and EMEA segments. Refer to Note 4 and Note 19 of the 2017 Annual Report on Form 10-K for further discussion.
- 2. Accelerated depreciation is related to restructuring plans in the Company's USCAN, LATAM and EMEA segments. Refer to Note 16 of the 2017 Annual Report on Form 10-K for further discussion.
- 3. Costs related to acquisitions and integrations primarily include third party professional, legal, IT and other expenses associated with successful and unsuccessful full or partial acquisition and divestiture/dissolution transactions, as well as certain employee-related expenses such as travel, bonuses and post-acquisition severance separate from a formal restructuring plan.
- 4. Restructuring and related costs include items such as employee severance charges, lease termination charges, curtailment gains/losses, other employee termination costs, and professional fees related to the reorganization of the Company's legal entity structure, facility operations and compliance with new legislation, and costs associated with new software implementation that are not eligible for capitalization. Refer to Note 14 of the 2017 Annual Report on Form 10-K for further discussion.
- Lucent costs primarily represent legal and investigation costs related to resolving the Lucent matter, product manufacturing costs for reworking existing Lucent inventory, obsolete Lucent inventory reserve costs, and dedicated internal personnel costs that would have otherwise been focused on normal operations in fiscal 2016.
- 6. Accelerated amortization of deferred financing costs related to Term Loan B prepayments. Refer to Note 5 of the 2017 Annual Report on Form 10-K for further discussion.
- 7. CEO transition costs represent charges related to the separation of the Company's previous CEO, Bernard Rzepka.
- 8. Tax (benefits) charges represent the Company's adjustment of reported tax expense to non-GAAP tax based on the overall estimated annual non-GAAP effective tax rates.
- 9. Gain related to sale of assets that had previously been classified as held for sale.



A. SCHULMAN, INC.  Reconciliation of GAAP and Non-GAAP Financial Measures  Unaudited  Three months ended Twelve months ended										
(in millions)		August 31, August 2017 31, 2016		August 31, 2017		August 31, 2016				
Net income available to A. Schulman, Inc. common stockholders	s	7.4	\$ (385.1)	\$	25.5	s	(364.6)			
Interest expense		13.7	13.6	53.2			54.5			
Provision for U.S. and foreign income taxes		(10.0)	(12.7)	) (1.8)			(8.6)			
Depreciation and Amortization		20.0	21.8	8 78.8		89.3				
Noncontrolling interests		0.3	0.0	0 1.1		1.1				
Convertible special stock dividends		1.9	1.9	7.5		7.5				
Other (1)		(0.2)	0.9	)	0.3		2.7			
EBITDA, as calculated		33.1	(359.6)	)	164.6		(218.1)			
Non-GAAP Adjustments (2)		13.0	413.5	5	38.8		447.0			
EBITDA, as adjusted		46.1	53.9	)	203.4		228.9			

### **Explanation of Adjustments**

- 1. Other includes Foreign currency transaction (gains) losses, Other (income) expense, net, and Gain on early extinguishment of debt.
- 2. For details on Non-GAAP adjustments, refer to "Reconciliation of GAAP and Non-GAAP Financial Measures", items (1), (3) (9) and Loss (income) from discontinued operations. Amounts are included in Operating Income (Loss) and Loss (income) from discontinued operations. Accelerated depreciation on the "Reconciliation of GAAP and Non-GAAP Financial Measures" has been excluded as it is already included in Depreciation and Amortization above.



# A. SCHULMAN, INC. SUPPLEMENTAL SEGMENT INFORMATION

	Three months ended				
	August 31, 2017		Au	igust 31, 2016	
Net sales to unaffiliated customers					
EMEA	\$	317,819	\$	299,169	
USCAN		164,224		158,932	
LATAM		50,065		44,912	
APAC		55,628		49,276	
EC		58,915		52,297	
Total net sales		646,651		604,586	
Segment gross profit					
EMEA	\$	34,887	\$	41,887	
USCAN		25,348		25,234	
LATAM		9,625		9,660	
APAC		8,398		8,140	
EC		13,873		12,520	
Total segment gross profit		92,131		97,441	
Accelerated depreciation and restructuring related costs (1)		(996)		(260)	
Costs related to acquisitions		-		(247)	
Lucent costs (2)				(241)	
Total segment gross profit	S	91,135	S	96,693	



## A. SCHULMAN, INC. SUPPLEMENTAL SEGMENT INFORMATION

	Three months ended				
	August 31, 2017		ugust 31, 2016		
Segment operating income					
EMEA	\$ 11,825	\$	17,429		
USCAN	8,664		8,896		
LATAM	6,013		5,687		
APAC	4,156		4,436		
EC	4,719		4,302		
Total segment operating income	35,377		40,750		
Corporate	(8,381)		(7,136)		
Costs related to acquisitions and integrations	-		(1,219)		
Restructuring and related costs (1)	(7,796)		(7,803)		
CEO transition costs	-		(3,399)		
Accelerated depreciation	(831)		(1,513)		
Asset impairment	(375)		(401,667)		
Curtailment and settlement gains (losses)	(2,029)		-		
Lucent costs (2)	(2,831)		(993)		
Operating income (loss)	\$ 13,134	\$	(382,980)		
Interest expense	(13,745)		(13,583)		
Foreign currency transaction gains (losses)	(206)		(1,420)		
Other income (expense), net	375	_	528		

#### **Explanation of Adjustments**

Income from continuing operations before tax

1. Restructuring related costs primarily included in selling, general and administrative expenses in the Company's statements of operations, are costs associated with professional fees for outside strategic consultants regarding actions to improve the profitability of the organization, improve efficiency of its operations or comply with new legislation, and costs associated with reorganizations of the legal entity structure of the Company. Restructuring expenses included in restructuring expense in the Company's statements of operations include costs permitted under ASC 420, Exit or Disposal Obligations, such as severance costs, outplacement services and contract termination costs and related costs are costs associated with professional fees for outside strategic consultants regarding actions to improve the profitability, improve efficiency of its operations, comply with new legislation, and costs associated with reorganizations of the legal entity structure of the Company. Refer to Note 16, Restructuring, of this Annual Report on Form 10-K for further discussion.

(442) \$ (397,455)

2. Refer to Note 17, Contingencies and Claims, of this Annual Report on Form 10-K for additional discussion on this matter. Lucent costs primarily represent legal and investigation costs related to resolving the Lucent matter, product manufacturing costs for reworking existing Lucent inventory, obsolete Lucent inventory reserve costs, and dedicated internal personnel costs that would have otherwise been focused on normal operations in fiscal 2016.

