



KOPPERS

INVESTING IN OUR PEOPLE-BASED CULTURE

*Q3 2018 Earnings Call & Webcast
November 8, 2018*

Forward Looking Statement

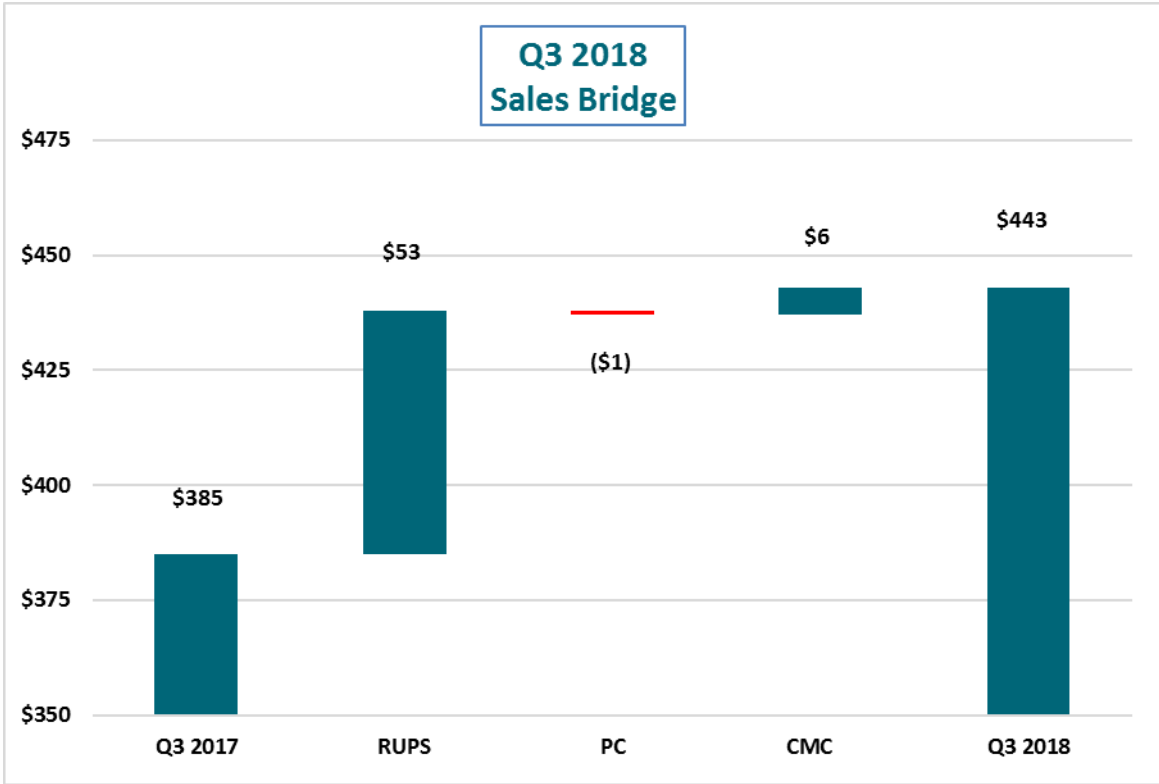
Certain statements in this presentation are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and may include, but are not limited to, statements about sales levels, acquisitions, restructuring, profitability and anticipated synergies, expenses and cash outflows. All forward-looking statements involve risks and uncertainties. All statements contained herein that are not clearly historical in nature are forward-looking, and words such as "believe," "anticipate," "expect," "estimate," "may," "will," "should," "continue," "plans," "potential," "intends," "likely," "outlook," "guidance," "forecast," or other similar words or phrases are generally intended to identify forward-looking statements. Any forward-looking statement contained herein, in press releases, written statements or documents filed with the Securities and Exchange Commission, or in Koppers communications with and discussions with investors and analysts in the normal course of business through meetings, phone calls and conference calls, regarding expectations with respect to sales, earnings, cash flows, operating efficiencies, restructurings, the benefits of acquisitions and divestitures or other matters as well as financings and debt reduction, are subject to known and unknown risks, uncertainties and contingencies. Many of these risks, uncertainties and contingencies are beyond our control, and may cause actual results, performance or achievements to differ materially from anticipated results, performance or achievements. Factors that might affect such forward-looking statements, include, among other things, the impact of changes in commodity prices, such as oil and copper, on product margins; general economic and business conditions; potential difficulties in protecting our intellectual property; the ratings on our debt and our ability to repay or refinance outstanding indebtedness; our ability to operate within the limitations of our debt covenants; potential impairment of our goodwill and/or long-lived assets; demand for Koppers goods and services; competitive conditions; interest rate and foreign currency rate fluctuations; availability of key raw materials and unfavorable resolution of claims against us, as well as those discussed more fully elsewhere in this presentation and in documents filed with the Securities and Exchange Commission by Koppers, particularly our latest annual report on Form 10-K and subsequent filings. Any forward-looking statements in this presentation speak only as of the date of this presentation, and we undertake no obligation to update any forward-looking statement to reflect events or circumstances after that date or to reflect the occurrence of unanticipated events.

Q3 2018 Results

Q3 Sales of \$443M: Reflects Growth from RUPS Acquisitions



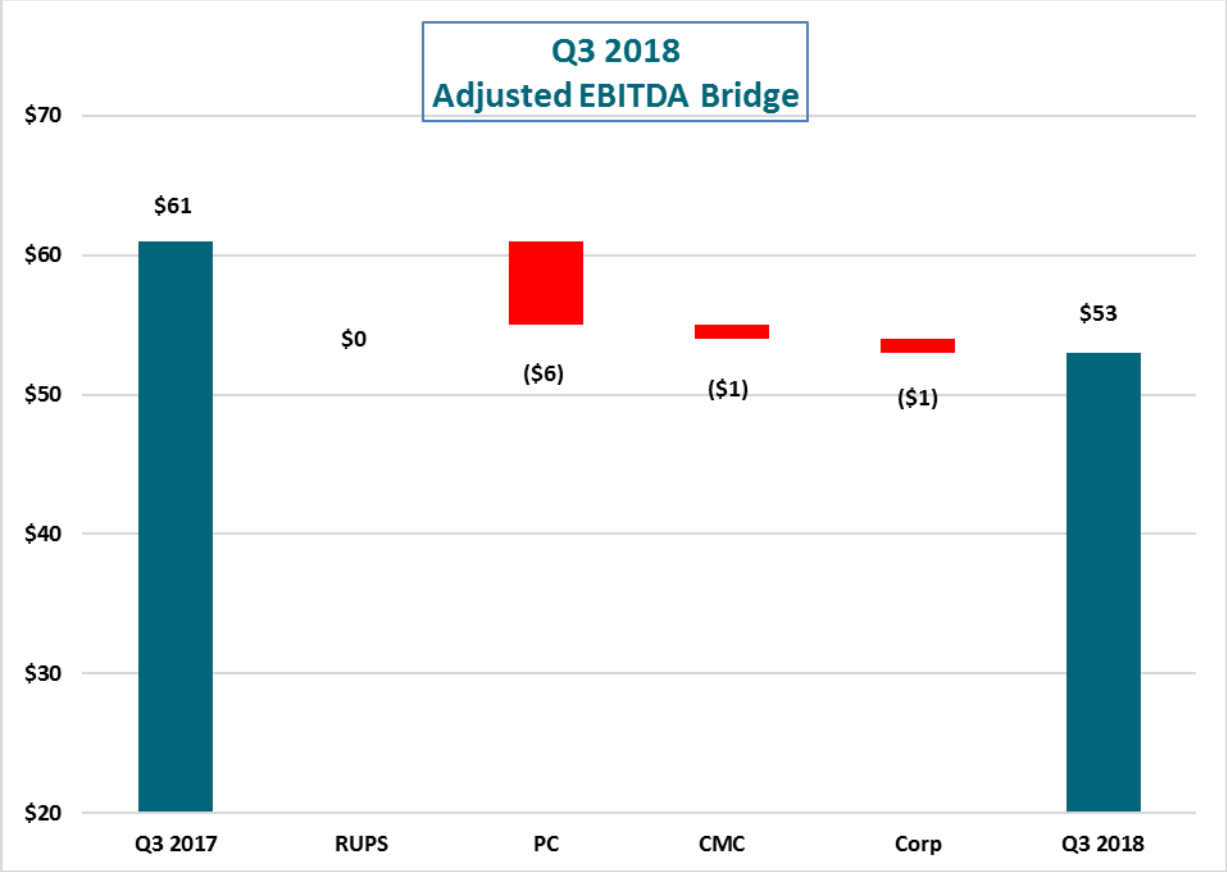
(\$ in millions)



Q3 Adjusted EBITDA of \$53M: Continued Headwinds in PC



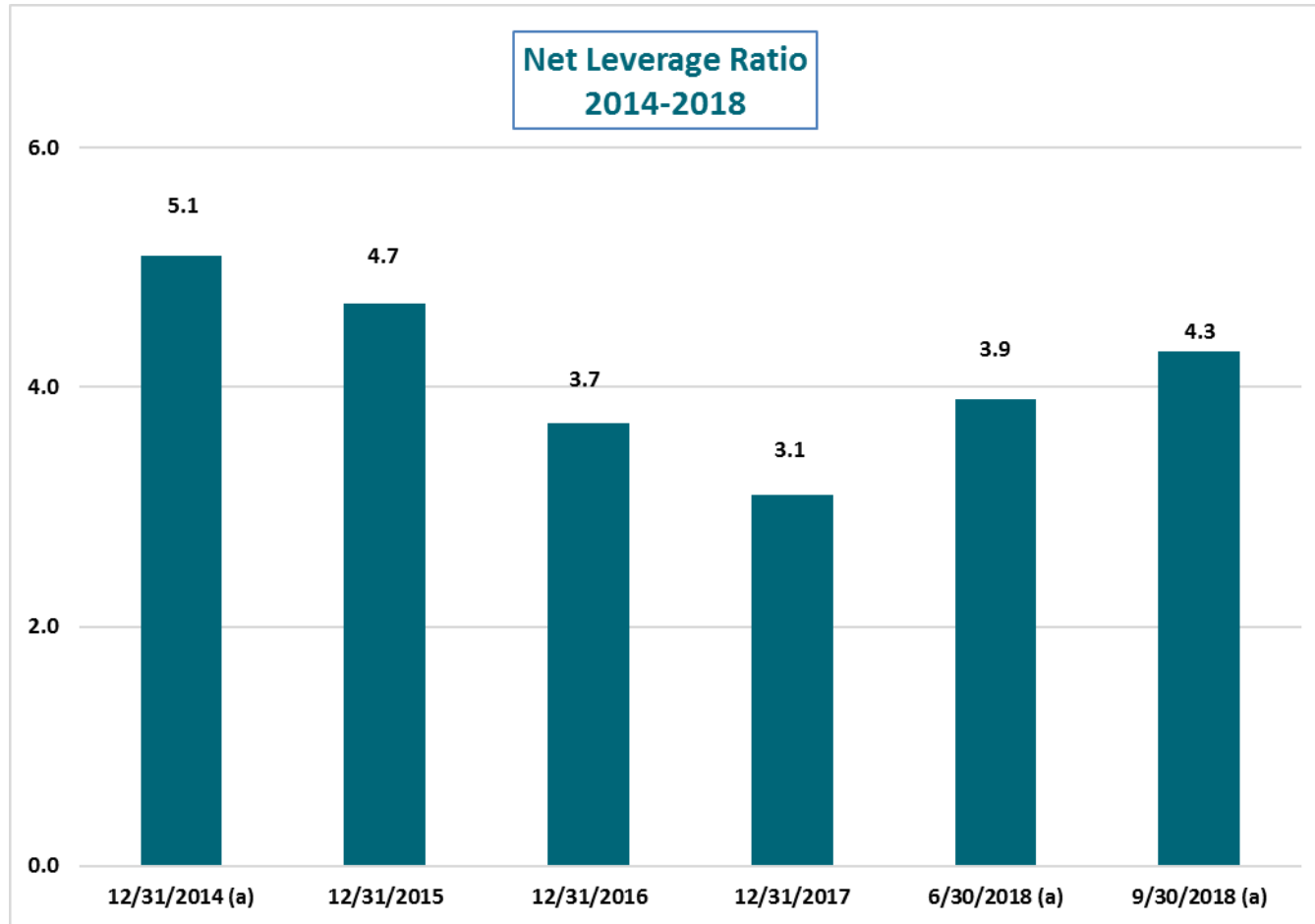
(\$ in millions)



Net Leverage Ratio: Focusing on Debt Reduction; 4.2X by 12/31/18



(\$ in millions)



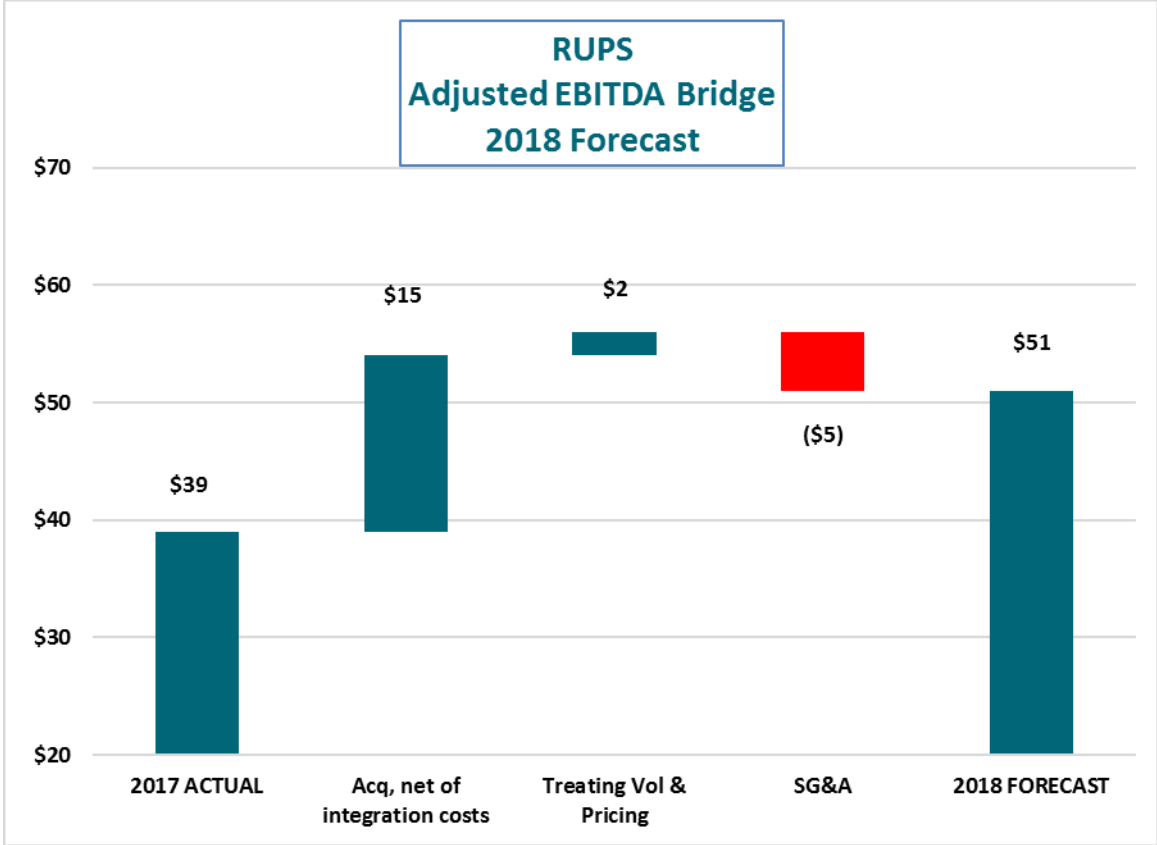
(a) Pro-forma

2018 Guidance

2018 Adjusted EBITDA Forecast: RUPS Growth Primarily Driven by Acquisitions



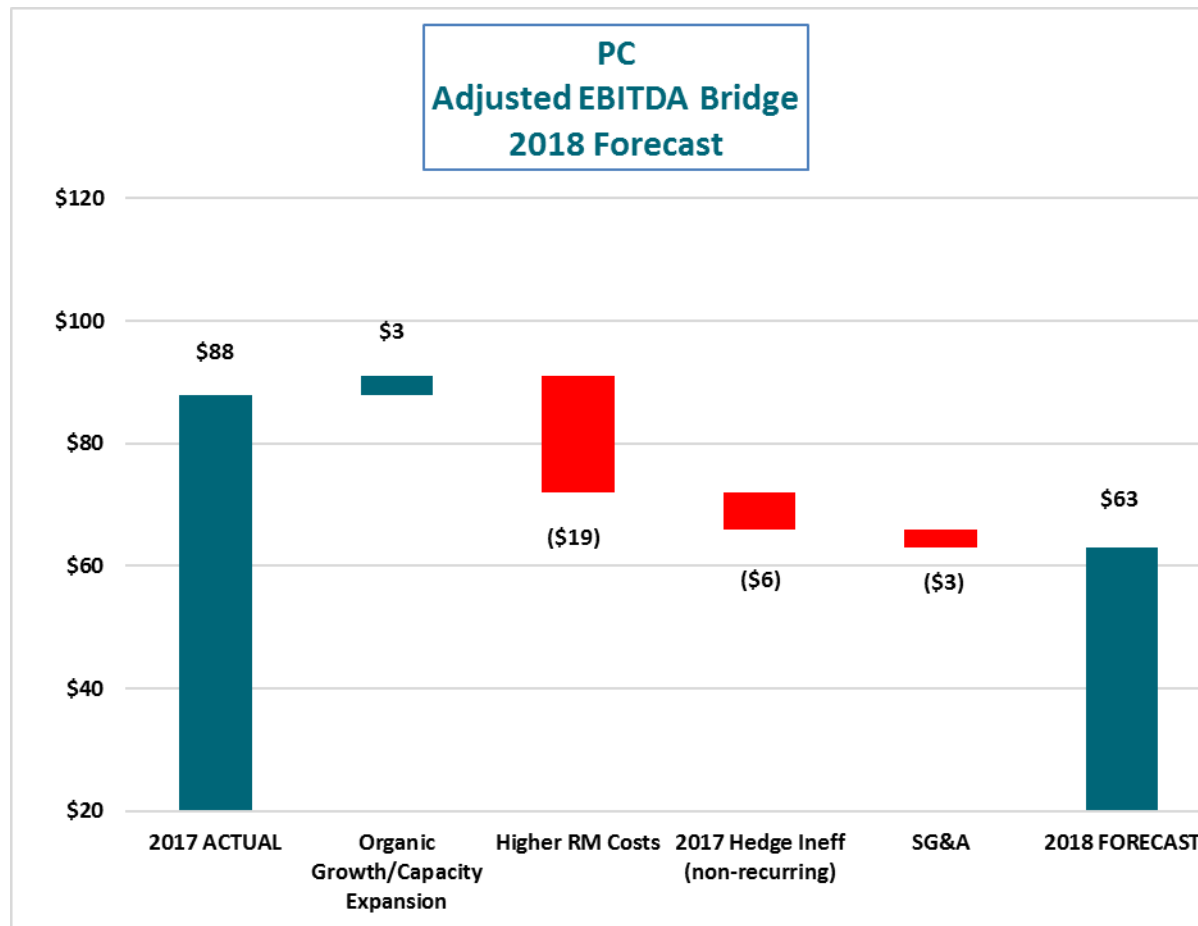
(\$ in millions)



2018 Adjusted EBITDA Forecast: PC Lower Profitability; Higher Raw Material Costs



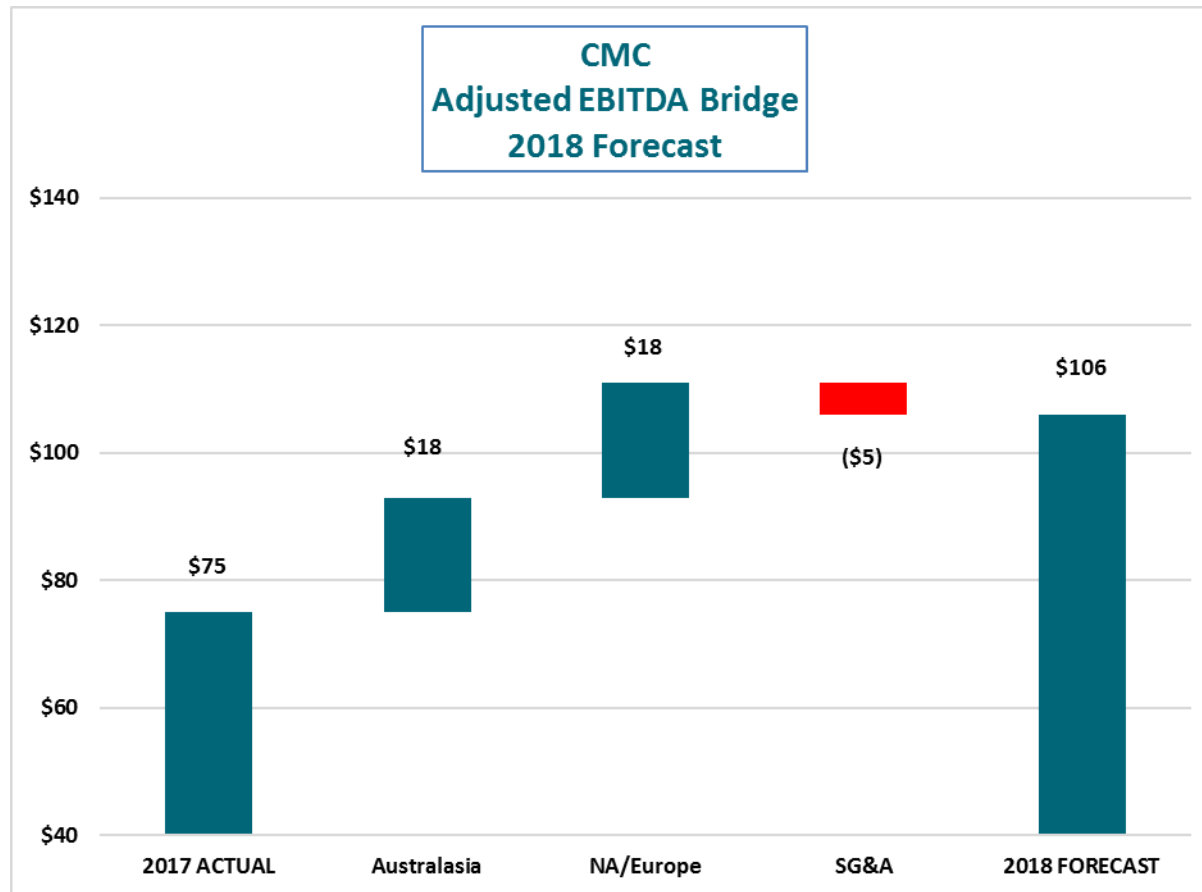
(\$ in millions)



2018 Adjusted EBITDA Forecast: CMC Improved Profitability Globally



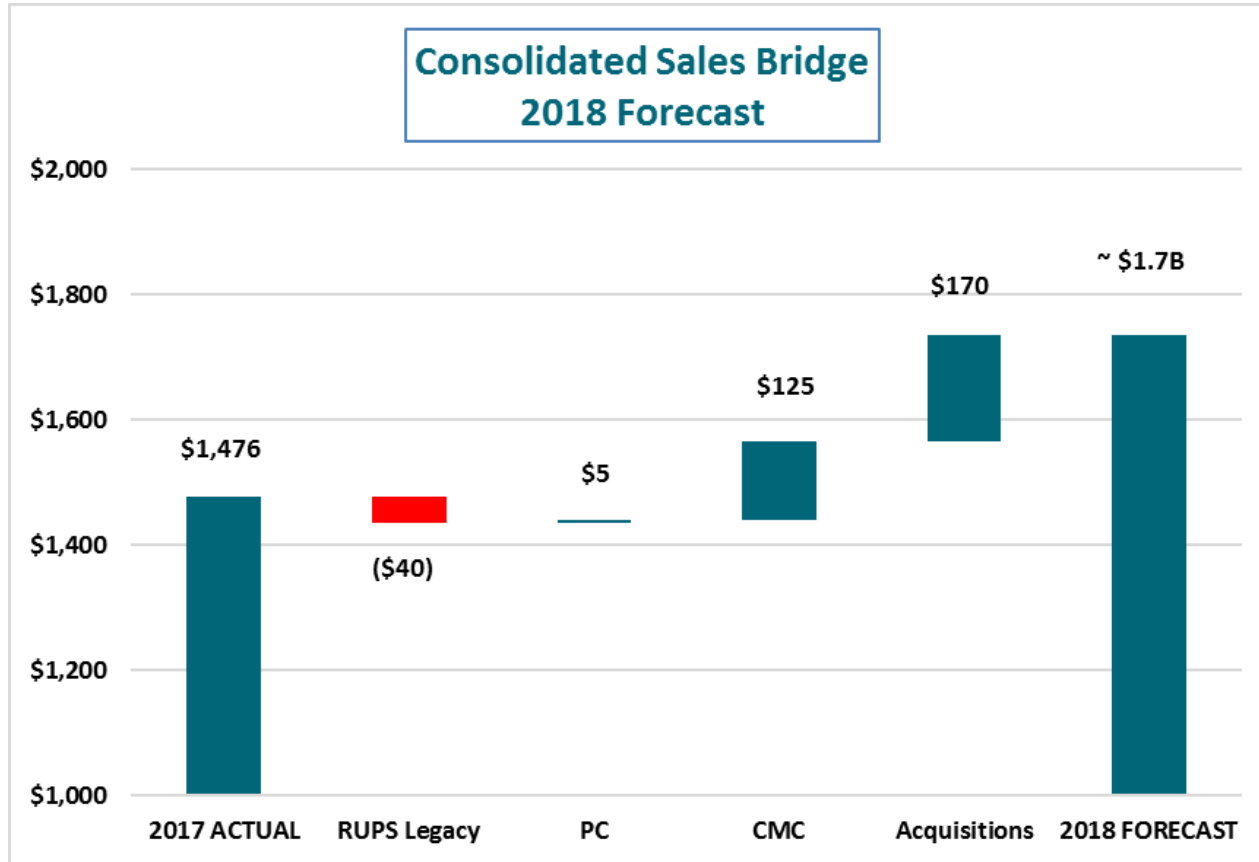
(\$ in millions)



2018 Sales Forecast of ~\$1.7B; RUPS Acquisitions & CMC Driving Growth



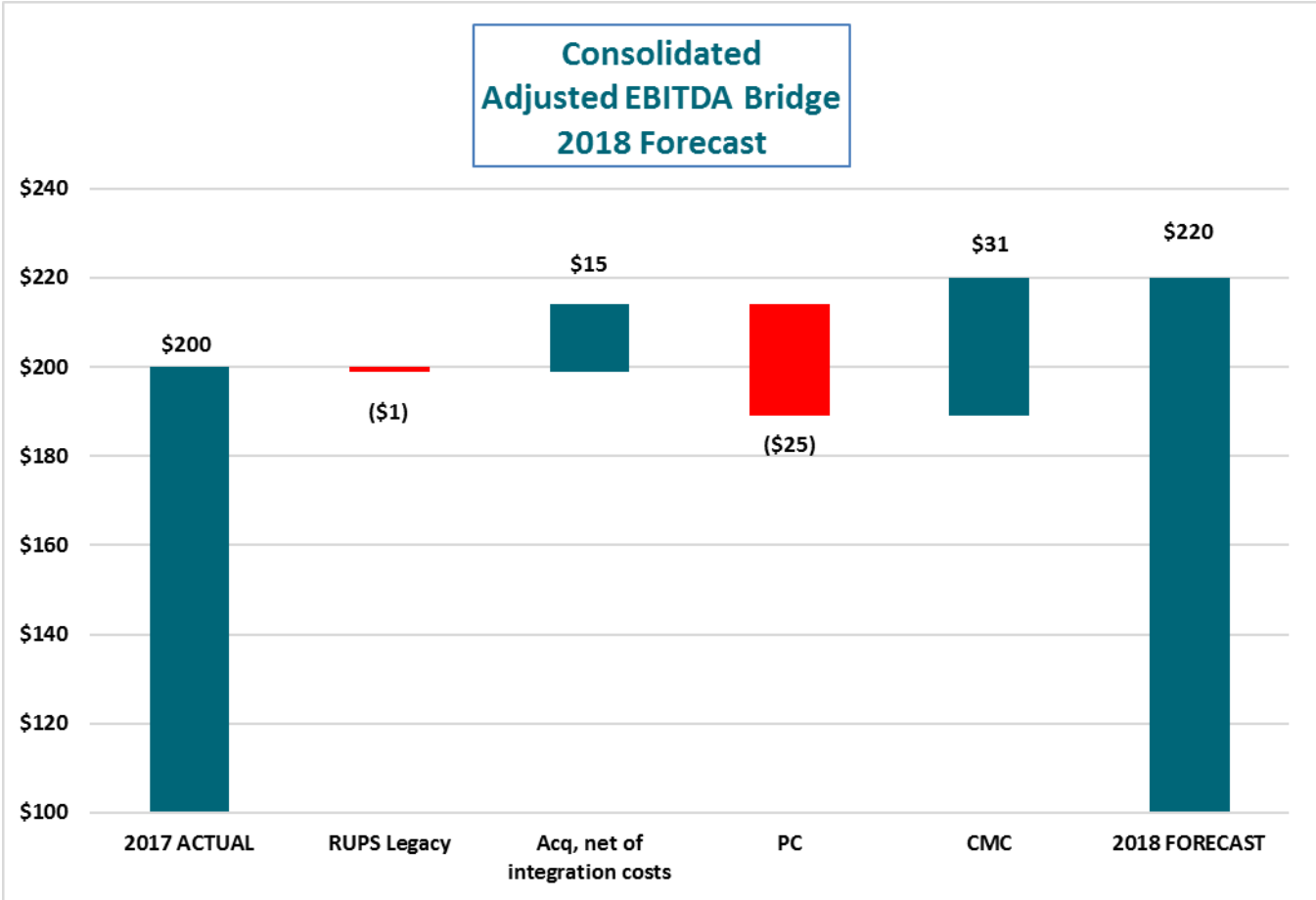
(\$ in millions)



2018 Adjusted EBITDA Forecast: CMC & RUPS Acquisitions Driving Profitability



(\$ in millions)



Q&A Session

Appendix

Non-GAAP Measures and Guidance

This presentation includes unaudited “non-GAAP financial measures” as defined in Regulation G under the Securities Exchange Act of 1934, including adjusted EBITDA and net leverage ratio. Koppers believes that the presentation of non-GAAP financial measures such as adjusted EBITDA and net leverage ratio provide information useful to investors in understanding the underlying operational performance of the company, its business and performance trends and facilitates comparisons between periods and with other corporations in similar industries. The exclusion of certain items permits evaluation and a comparison of results for ongoing business operations, and it is on this basis that Koppers management internally assesses the company’s performance. In addition, the Board of Directors and executive management team use adjusted EBITDA as performance measures under the company’s annual incentive plans.

Although Koppers believes that these non-GAAP financial measures enhance investors’ understanding of its business and performance, these non-GAAP financial measures should not be considered an alternative to GAAP basis financial measures and should be read in conjunction with the relevant GAAP financial measure. Other companies in a similar industry may define or calculate these measures differently than the company, limiting their usefulness as comparative measures. Because of these limitations, these non-GAAP financial measures should not be considered in isolation from, or as substitutes for performance measures calculated in accordance with GAAP.

For the company’s guidance, adjusted EBITDA, adjusted EBITDA margin and adjusted EPS excludes restructuring, impairment, non-cash LIFO charges, acquisition-related costs, and non-cash mark-to-market commodity hedging. The forecasted amounts for these items cannot be reasonably estimated due to their nature, but may be significant. For that reason, the company is unable to provide GAAP earnings estimates at this time. Final results could also be affected by various other factors that management is unaware of at this time.

References to historical EBITDA herein means adjusted EBITDA, for which the company has provided calculations and reconciliations in the Appendix.

Unaudited Segment Information



	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
<i>(Dollars in millions)</i>				
Net sales:				
Railroad and Utility Products and Services	\$ 185.0	\$ 131.7	\$ 470.6	\$ 403.1
Performance Chemicals	108.2	109.7	320.7	318.2
Carbon Materials and Chemicals	149.5	143.4	493.5	388.1
Total	\$ 442.7	\$ 384.8	\$ 1,284.8	\$ 1,109.4
Operating profit (loss):				
Railroad and Utility Products and Services	\$ 5.8	\$ 9.5	\$ 5.9	\$ 30.1
Performance Chemicals	11.0	18.4	28.2	56.6
Carbon Materials and Chemicals	14.9	16.3	64.6	24.9
Corporate Unallocated	(0.5)	(9.2)	(1.9)	(10.4)
Total	\$ 31.2	\$ 35.0	\$ 96.8	\$ 101.2
Operating profit margin:				
Railroad and Utility Products and Services	3.1%	7.2%	1.3%	7.5%
Performance Chemicals	10.2%	16.8%	8.8%	17.8%
Carbon Materials and Chemicals	10.0%	11.4%	13.1%	6.4%
Total	7.0%	9.1%	7.5%	9.1%
Depreciation and amortization:				
Railroad and Utility Products and Services	\$ 4.9	\$ 2.9	\$ 12.8	\$ 8.8
Performance Chemicals	4.4	4.4	13.3	13.3
Carbon Materials and Chemicals	3.7	4.8	12.4	12.9
Total	\$ 13.0	\$ 12.1	\$ 38.5	\$ 35.0
Adjusted EBITDA⁽¹⁾:				
Railroad and Utility Products and Services	\$ 12.3	\$ 11.9	\$ 31.5	\$ 37.4
Performance Chemicals	16.6	22.2	48.3	69.4
Carbon Materials and Chemicals	24.9	26.1	95.2	51.5
Corporate Unallocated	(0.5)	0.3	(0.3)	(0.2)
Total	\$ 53.3	\$ 60.5	\$ 174.7	\$ 158.1
Adjusted EBITDA margin⁽²⁾:				
Railroad and Utility Products and Services	6.6%	9.0%	6.7%	9.3%
Performance Chemicals	15.3%	20.2%	15.1%	21.8%
Carbon Materials and Chemicals	16.7%	18.2%	19.3%	13.3%
Total	12.0%	15.7%	13.6%	14.3%

(1) The tables below describe the adjustments to EBITDA for the three and nine months ended September 30, 2018 and 2017, respectively.

(2) Adjusted EBITDA as a percentage of GAAP sales.

Unaudited Reconciliation of Operating Profit To EBITDA and Adjusted EBITDA



(In millions)

Three months ended September 30, 2018

	RUPS		PC		CMC		Corporate			
							Unallocated	Consolidated		
Operating profit (loss)	\$	5.8	\$	11.0	\$	14.9	\$	(0.5)	\$	31.2
Other income (loss)		(0.2)		0.2		(0.6)		(0.1)		(0.7)
Depreciation and amortization		4.9		4.4		3.7		0.0		13.0
Depreciation in impairment and restructuring charges		0.0		0.0		1.0		0.0		1.0
EBITDA with noncontrolling interest	\$	10.5	\$	15.6	\$	19.0	\$	(0.6)	\$	44.5
Unusual items impacting EBITDA:										
CMC restructuring		0.0		0.0		4.7		0.0		4.7
RUPS treating plant closures		(0.2)		0.0		0.0		0.0		(0.2)
Non-cash LIFO expense		1.4		0.0		0.3		0.0		1.7
Acquisition closing costs		0.0		0.0		0.0		0.1		0.1
Mark-to-market commodity hedging		0.0		1.0		0.0		0.0		1.0
Contract buyout		0.1		0.0		0.0		0.0		0.1
UIP inventory purchase accounting adjustment		0.5		0.0		0.0		0.0		0.5
Sale of specialty chemicals business		0.0		0.0		0.9		0.0		0.9
Adjusted EBITDA	\$	12.3	\$	16.6	\$	24.9	\$	(0.5)	\$	53.3

Adj. EBITDA % of Consolidated Adj. EBITDA (excluding corporate unallocated)

22.9%

30.9%

46.3%

Unaudited Reconciliation of Operating Profit To EBITDA and Adjusted EBITDA



(In millions)

Three months ended September 30, 2017

	Corporate				
	RUPS	PC	CMC	Unallocated	Consolidated
Operating profit (loss)	\$ 9.5	\$ 18.4	\$ 16.3	\$ (9.2)	\$ 35.0
Other income (loss)	(0.6)	0.4	(0.2)	0.7	0.3
Depreciation and amortization	2.9	4.4	4.8	0.0	12.1
Depreciation in impairment and restructuring charges	0.0	0.0	1.3	0.0	1.3
EBITDA with noncontrolling interest	\$ 11.8	\$ 23.2	\$ 22.2	\$ (8.5)	\$ 48.7
Unusual items impacting EBITDA:					
CMC restructuring	0.0	0.0	4.3	0.0	4.3
RUPS treating plant closures	0.2	0.0	0.0	0.0	0.2
Non-cash LIFO benefit	(0.1)	0.0	(0.4)	0.0	(0.5)
Mark-to-market commodity hedging (non-cash)	0.0	(1.0)	0.0	0.0	(1.0)
Pension settlement charge	0.0	0.0	0.0	8.8	8.8
Adjusted EBITDA	\$ 11.9	\$ 22.2	\$ 26.1	\$ 0.3	\$ 60.5
<i>Adj. EBITDA % of Consolidated Adj. EBITDA (excluding corporate unallocated)</i>	19.8%	36.9%	43.4%		

Unaudited Reconciliation of Total Debt To Net Debt and Net Leverage Ratio



<i>(In millions)</i>						
	<i>Year ended December 31,</i>					
			<i>2016</i>		<i>2015</i>	<i>Pro- Forma 2014</i>
Total Debt			\$ 662.4		\$ 722.3	\$ 850.5
Less: Cash			20.8		21.8	\$ -
Net Debt			\$ 641.6		\$ 700.5	\$ 850.5
Adjusted EBITDA			\$ 174.2		\$ 150.2	\$ 167.1
Net Leverage Ratio			3.7		4.7	5.1

Unaudited Reconciliation of Total Debt To Net Debt and Net Leverage Ratio



(In millions)

	<i>Twelve months ended</i>		
	<i>Proforma June 30, 2018</i>	<i>Proforma September 30, 2018</i>	<i>December 31, 2017</i>
Total Debt	\$ 1,000.1	\$ 1,044.9	\$ 677.0
Less: Cash	62.5	62.5	60.3
Net Debt	\$ 937.6	\$ 982.4	\$ 616.7
Adjusted EBITDA	\$ 242.9	\$ 227.6	\$ 200.4
Net Leverage Ratio	3.9	4.3	3.1

Unaudited Reconciliation of Net Income To EBITDA and Adjusted EBITDA (LTM)



(In millions)

	<i>Twelve months ended June 30, 2018</i>	
Net income	\$	30.8
Interest expense including refinancing		46.0
Depreciation and amortization		65.0
Income tax provision		37.2
(Income) loss from discontinued operations		(0.8)
EBITDA		178.2
Unusual items impacting net income:		
Impairment, restructuring and plant closure		18.1
Non-cash LIFO expense (benefit)		5.3
Mark-to-market commodity hedging		2.0
Reimbursement of environmental costs		(0.3)
Acquisition closing costs		3.0
Sale of land		1.1
Contract buyout		1.5
UIP inventory purchase accounting adjustment		5.5
Pension settlement charge		10.0
Adjusted EBITDA with noncontrolling interests	\$	224.4
Proforma adjusted EBITDA from acquisitions		18.5
Proforma adjusted EBITDA with noncontrolling interests	\$	242.9

Unaudited Reconciliation of Net Income To EBITDA and Adjusted EBITDA (LTM)



(In millions)

	<i>Twelve months ended</i>	
	<i>September 30, 2018</i>	<i>December 31, 2017</i>
Net income	\$ 17.8	\$ 30.5
Interest expense including refinancing	50.4	55.8
Depreciation and amortization	65.5	62.8
Income tax provision	41.1	29.0
(Income) loss from discontinued operations	(0.8)	0.8
EBITDA	174.0	178.9
Unusual items impacting net income:		
Impairment, restructuring and plant closure	18.1	15.9
Non-cash LIFO expense (benefit)	7.5	(0.5)
Mark-to-market commodity hedging	4.0	(3.5)
Reimbursement of environmental costs	(0.3)	(0.4)
Acquisition closing costs	3.1	0.0
Sale of land	1.1	0.0
Contract buyout	1.6	0.0
UIP inventory purchase accounting adjustment	6.0	0.0
Sale of specialty chemicals business	0.9	0.0
Pension settlement charge	1.1	10.0
Adjusted EBITDA with noncontrolling interests	\$ 217.1	\$ 200.4
Proforma adjusted EBITDA from acquisitions	10.5	0.0
Proforma adjusted EBITDA with noncontrolling interests	\$ 227.6	\$ 200.4

Koppers Holdings Inc.

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Koppers is an integrated global provider of treated wood products, wood treatment chemicals and carbon compounds for the railroad, specialty chemical, utility, residential lumber, agriculture, aluminum, steel, rubber, and construction industries. Headquartered in Pittsburgh, Pennsylvania, we serve our customers through a comprehensive global manufacturing and distribution network, with facilities located in North America, South America, Australasia, China and Europe.

Stock Exchange Listing

NYSE: KOP

Investor Relations and Media Information

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Koppers is a member of the
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