



# **Investor Presentation**

February 2019



# Forward-looking Statements

Certain of the statements in this presentation may include **forward-looking statements** as defined in the Private Securities Litigation Reform Act of 1995, which are **subject to various risks and uncertainties** including, but not limited to, those **set forth in our press releases and our periodic filings** with the Securities & Exchange Commission.

### Mohawk Highlights



- World's largest flooring manufacturer
- Market leader in all flooring categories
  - Ceramic

- LVT
- Carpet & Rugs
- Sheet Vinyl

Laminate

Stone Flooring

• Wood

- Countertops
- Expanding international presence
- Differentiated distribution infrastructure
- Strong cash flow to fund investments
- Superior management team
- Significant insider ownership
- Executing \$500M stock repurchase program

### Mohawk by the Numbers



\$10B

2018 Worldwide Sales



\$1.7B

2018 Adjusted EBITDA



\$8.2B

CapEx & Acquisition Investments (2013-18)



44

Acquisitions Since 1992



19

Countries Manufacturing



42,000+

Employees Worldwide



**170**+

Countries Sales

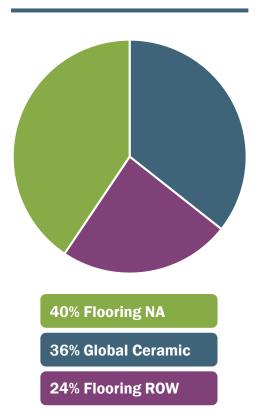


25,000+

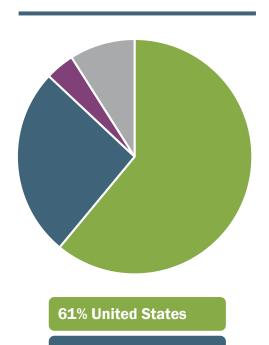
**Customers** Worldwide

### 2018 Sales Mix

#### **SEGMENT**



#### **GEOGRAPHY**



26% Europe

4% Russia

9% Other

# International Operations



# Investing in the Business

2013-18

\$8.2B

**Total Investment** 

\$4.3B
Acquisitions
New Products &
Geographies



Productivity & Profitability

### 2016-18 CapEx & Acquisitions

U.S. Europe

\*\$1.8B

Additional

Sales

Capacity

Ceramic

Brazil

Mexico

Europe

Russia

Carpet

Australia

New Zealand

Europe

**12** Countries



U.S. Europe Russia

Product
Categories



2019

\$550-580 Planned Capital Investment







# Extending Sales Capacity through Investment

\$2.4B internal investment (2016-2018)



#### **UNITED STATES**

- Doubling capacity in fast-growing LVT; adding rigid technology
- Added capacity in laminate and engineered wood
- Initiated quartz countertop manufacturing
- Extended existing businesses (utility mats, outdoor rugs)



### MEXICO & SOUTH AMERICA

- Doubled ceramic capacity at Salamanca
- Added new carpet cushion facility in Mexicali



#### **EUROPE**

- Modernized Italian ceramic facilities; added porcelain slab production
- Expanded capacity in LVT; added rigid technology
- Added carpet tile plant in Belgium
- Expanded capacity in premium laminate



#### RUSSIA

- Launched sheet vinyl plant
- Expanding capacity in ceramic and laminate
- Adding premium sanitary ware production

# **Aggressive Acquisition Strategy**

Invested \$4.3B in 19 acquisitions since 2013



#### **GEOGRAPHY**

- Strategic fit
- Leverage strengths in existing locations
- Enter markets with significant growth potential



#### **PRODUCTS**

- Focus on flooring
- New product categories
- Synergies with existing businesses
- Leverage existing assets to expand distribution



#### **MANAGEMENT**

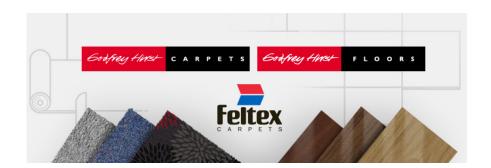
- Proven management teams
- Deep bench strength
- Shared values
- Improve entire business with best practices



#### **RETURNS**

- Best possible valuation
- Potential for significant ROI
- Good short- and long-term opportunity
- Mitigate risks

## Godfrey Hirst Acquisition





- Closed July 2, 2018
- Largest flooring provider in Australia and New Zealand
- Fiscal 2017 net sales: US\$334M
- Carpet manufacturing in both countries
- Sourced hard surface distribution
- Market's design and innovation leader
- Integration underway with existing regional Mohawk soft and hard surface business

### Eliane Acquisition





- Closed November 16, 2018
- Leading ceramic tile manufacturer in Brazil, one of world's largest markets
- Fiscal 2017 net sales: US\$215M
- Produces glazed and unglazed porcelain for floors and walls
- Balanced sales through builders, home centers, retail & national accounts
- Will make capital investments to enhance products and improve cost
- Estimated 12-month EPS benefit of US\$0.15

### **Industry Outlook**





**Before** 

After



#### **United States**

- GDP & flooring industry growing
- New single family construction projecting slightly increase vs 2018
- LIRA Index forecasting higher YOY residential remodeling spend
- Commercial construction projected to grow, led by institutional and educational markets

#### **Rest of World**

- Economy in EU showing signs of slowing
- 2019 Russian economy improving
- In Mexico, growth projected as political uncertainty resolved
- Australian housing market weaker due to rising interest rates and tighter loans

### Operational Excellence







- Deliver growth through innovative new products
- Drive demand through differentiated collections
- Enhance productivity & profitability through continuous process improvement & automation
- Optimize resources & materials
- Maintain superior logistics systems to improve service
- Leverage best practices across segments

### **Product Innovation**

### **CERAMIC**





Digitally Printed Ceramic Tile

Superior Slip Resistance

### LAMINATE / WOOD





Proprietary
Water Proof Wood

Engineered Wood Planks Up to 9" x 90"

#### **CARPET**





Exclusive Super Soft & Stain Resistant Fiber Proprietary Unified Soft Flooring; Faster, Fasier Installation

### LVT / SHEET VINYL





Rigid LVT: Realistic Visuals; Water Resistance

Deeply Embossed Sheet; More Natural Visuals

### Best-In-Class Distribution

- National network of distribution centers provides efficient delivery
- Service Centers provide key channel for ceramic distribution



# The Business of Sustainability



6.2B

Plastic Bottles Recycled Annually



6.5B

Pounds of Waste Recycled



500+

Products with Recycled Content



**42M** 

Pounds of Tires
Recycled Into Doormats



47

Plants with Zero Waste to Landfill



36%

Water Intensity
Reduced since 2010



442M

Gallons of Reduced Water Consumption since 2015



5%

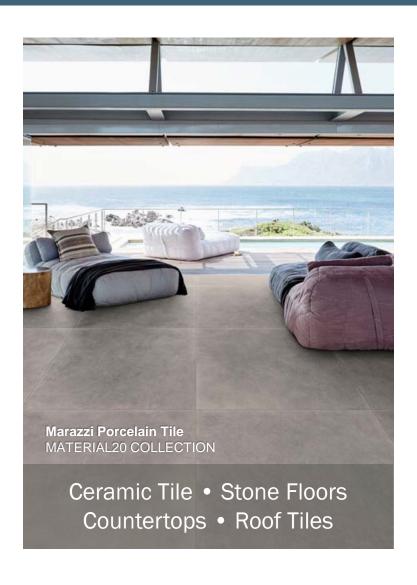
Greenhouse Gas Intensity Reduced since 2010





**Global Ceramic** 

# Global Ceramic Segment



### **Competitive Advantages**

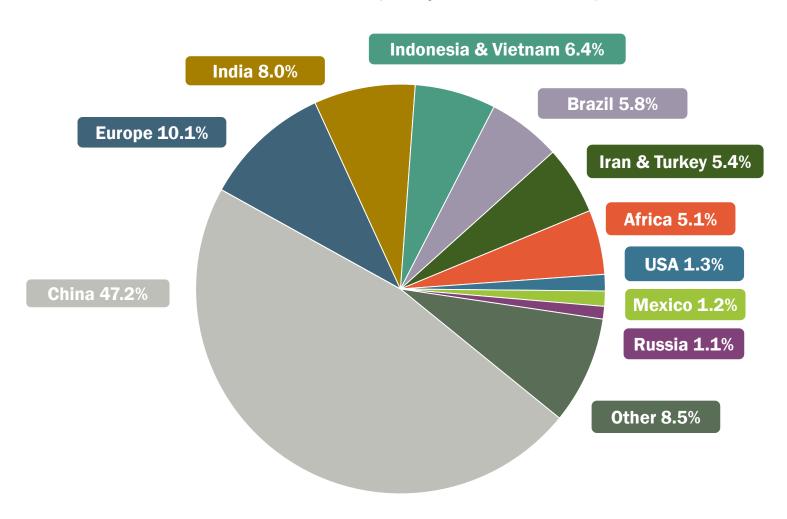
- Worldwide ceramic leader with leading positions in North America, Brazil, Eastern & Western Europe and Russia
- Most widely recognized ceramic brands
- Broad product line satisfies all channels and price points
- North American market share substantially larger than closest competitor
- Unmatched North American distribution and production capability
- Sales in more than 160 countries

# Ceramic: Leveraging Global Assets



## Global Tile Market: 146 Billion Sq. Ft.

2018 Mohawk Capacity - 2.4 Billion Sq. Ft.



# Global Ceramic: Brands Serving All Channels

#### **AMERICAS**







RAGNO



- 240 service centers
- 40 countertop centers
- 15 design galleries
- Independent specialty retail
- Home centers
- Independent distributors
- New construction

#### **EUROPE**

#### **MARAZZI**







- Independent specialty retail
- Home centers
- New construction
- Independent distributors

### **MEXICO**





- Independent specialty retail
- Home centers
- New construction
- Independent distributors

#### **RUSSIA**

#### KERAMA MARAZZI

- 20 distribution centers
- 365 company-owned or franchised retail stores
- Home centers
- New construction
- Independent distributors

## Global Ceramic: Countertops

#### **Stone**



High-end, contemporary, luxe feel for any room

#### Quartz



Upscale look engineered for down-to-earth durability

#### **Porcelain**



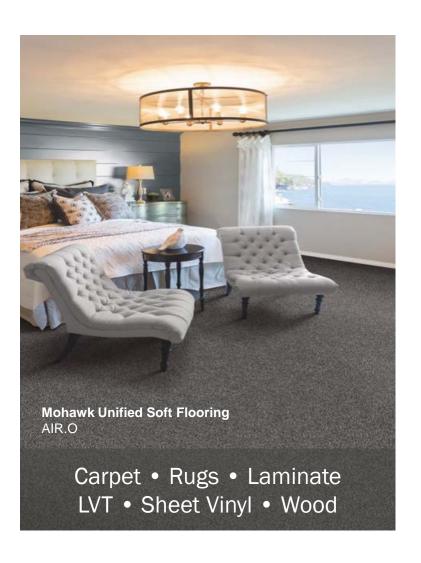
Scale and beauty of natural stone with the benefits of porcelain tile





Flooring North America

# Flooring North America Segment



### **Competitive Advantages**

- Leading market share in all channels
- Leader in innovation, design & technology
- Significant growth opportunity with LVT
- Well-known exclusive brands
- Leverage customer relationships across product categories
- Low-cost integrated manufacturing

# Flooring NA: Brands Serving All Channels

#### RESIDENTIAL CARPET







- Independent Specialty Retail
- Aligned Dealers
- Home Centers
- Builder
- Multi-family

### **BATH & AREA RUGS**





- Mass Merchants
- Department Stores
- Home Centers
- Independent Specialty Retail
- E-Commerce

### **COMMERCIAL CARPET**

#### Mohawk Group



- Corporate
- Educational
- Retail
- Healthcare
- Hospitality
- Institutional
- Main Street

### **HARD SURFACES**

### **PERGO**





- Independent Specialty Retail
- Aligned Dealers
- Home Centers
- Builder
- Multi-family





Flooring Rest of the World

## Flooring Rest of the World Segment



### **Competitive Advantages**

- Leader in mid- to high-end categories
- Undisputed innovation frontrunner
- Significant growth opportunity with LVT
- Extend value of well known brands into new product categories
- Vertically integrated low-cost manufacturer across product categories
- Leverage customer relationships to enter new channels and markets

# Flooring ROW: Brands Serving All Channels

### LAMINATE / WOOD







- Independent Specialty Retail
- Home Centers
- Independent Distribution
- Company-owned Distribution (U.K., Italy, Switzerland, Australia, New Zealand, India)
- Builder
- Multi-family

#### LVT







- Independent Specialty Retail
- Home Centers
- Company-owned Distribution (U.K., Italy, Switzerland, Australia, New Zealand, India)
- Builder
- Multi-family
- Commercial

### **CARPET**









- Independent Specialty Retail
- Home Centers
- Builder
- Commercial

### **SHEET VINYL**





- Independent Specialty Retail
- Home Centers
- Builder
- Multi-family
- Commercial

## Flooring ROW Panels

### **MDF & Chipboards**



Furniture and specialty construction

#### **Insulation Panels**

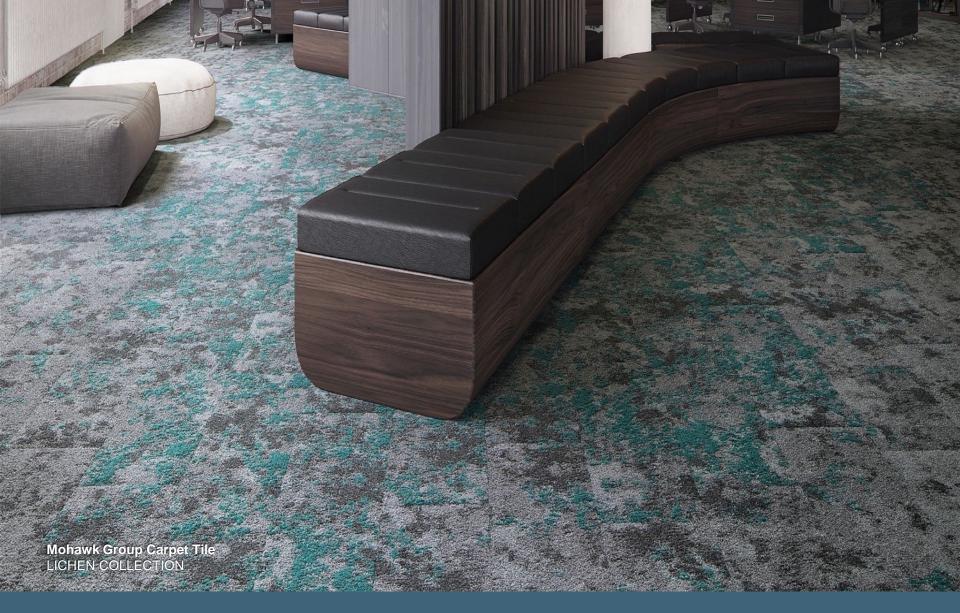


Airtight solutions for renovations or new construction

### **Roofing Panels**



Insulated custom roof panels and hinged roofs



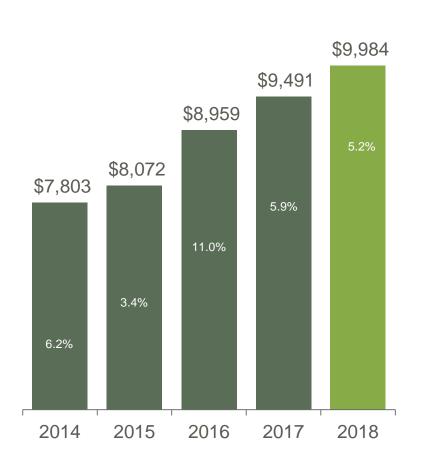


Financials

# Net Sales & Adjusted EBITDA

### **Net Sales (% YOY Growth)**

### EBITDA (% of Net Sales)





Dollars in Millions, excluding unusual items

# Earnings Summary

(ex-unusual items)

	2014	2015	2016	2017	2018
Net Sales % Change	<b>\$7,803</b> 6%	<b>\$8,072</b> 3%	<b>\$8,959</b> 11%	<b>\$9,491</b> 6%	<b>\$9,984</b> 5%
EBITDA EBITDA Margin	<b>\$1,171</b> 15%	<b>\$1,395</b> 17%	<b>\$1,711</b> 19%	<b>\$1,859</b> 20%	<b>\$1,704</b> 17%
Operating Income Operating Margin	<b>\$834</b> 11%	<b>\$1,050</b> 13%	<b>\$1,298</b> 14%	<b>\$1,416</b> 15%	<b>\$1,189</b> 12%
Net Earnings % Change	<b>\$598</b> 26%	<b>\$756</b> 26%	<b>\$940</b> 24%	<b>\$1,019</b> 8%	<b>\$922</b> -10%
Adjusted Diluted EPS % Change	<b>\$8.15</b> 24%	<b>\$10.20</b> 25%	<b>\$12.61</b> 24%	<b>\$13.61</b> 8%	<b>\$12.33</b> -9%

(Dollars in Millions except EPS)

# Results by Segment

(ex-unusual items)

	2014	2015	2016	2017	2018		
GLOBAL CERAMIC SEGMENT							
Sales % Change	<b>\$3,015</b> 13%	<b>\$3,013</b> 0%	<b>\$3,175</b> 5%	<b>\$3,405</b> 7%	<b>\$3,553</b> 4%		
Operating Income Operating Margin	<b>\$360</b>	<b>\$422</b>	<b>\$481</b>	<b>\$545</b>	<b>\$463</b>		
	12%	14%	15%	16%	13%		
FLOORING NA SEGMENT							
Sales	<b>\$3,441</b>	<b>\$3,602</b>	<b>\$3,866</b>	<b>\$4,011</b> 4%	<b>\$4,029</b>		
% Change	1%	5%	7%		0%		
Operating Income Operating Margin	<b>\$315</b>	<b>\$421</b>	<b>\$505</b>	<b>\$573</b>	<b>\$391</b>		
	9%	12%	13%	14%	10%		
FLOORING ROW SEGMENT							
Sales	<b>\$1,354</b>	<b>\$1,457</b>	<b>\$1,919</b>	<b>\$2,075</b>	<b>\$2,402</b>		
% Change	8%	8%	32%	8%	16%		
Operating Income Operating Margin	<b>\$188</b>	<b>\$242</b>	<b>\$348</b>	<b>\$337</b>	<b>\$369</b>		
	14%	17%	18%	16%	15%		

# Quarterly Earnings Summary

(ex-unusual items)

### **Adjusted Diluted Quarterly EPS**

### **Fourth Quarter Results**



	2016	2017	2018
Net Sales % Change	<b>\$2,183</b> 9%	<b>\$2,369</b> 9%	<b>\$2,449</b> 3%
EBITDA EBITDA Margin	<b>\$431</b> 20%	<b>\$477</b> 20%	<b>\$381</b> 16%
Operating Income Operating Margin	<b>\$321</b> 15%	<b>\$359</b> 15%	<b>\$241</b> 10%
Adjusted Diluted EPS % Change	<b>\$3.26</b> 16%	<b>\$3.42</b> 5%	<b>\$2.53</b> -26%

(Dollars in Millions except EPS)

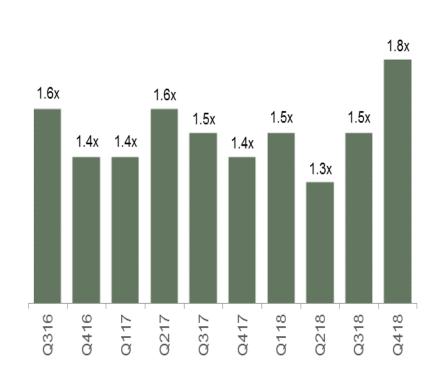
### Leverage and Capital Structure

### **Maturity Schedule**<sup>1</sup>

#### \$2,500 L7 Unused ECP \$2,000 **■** USCP ■ Bonds \$1,500 \$1,000 \$500 \$0 2019 2020 2021 2022 2023 2018

### Average Rate 1.62% (36% Fixed / 64% Floating) As of December 31, 2018. Dollars in Millions

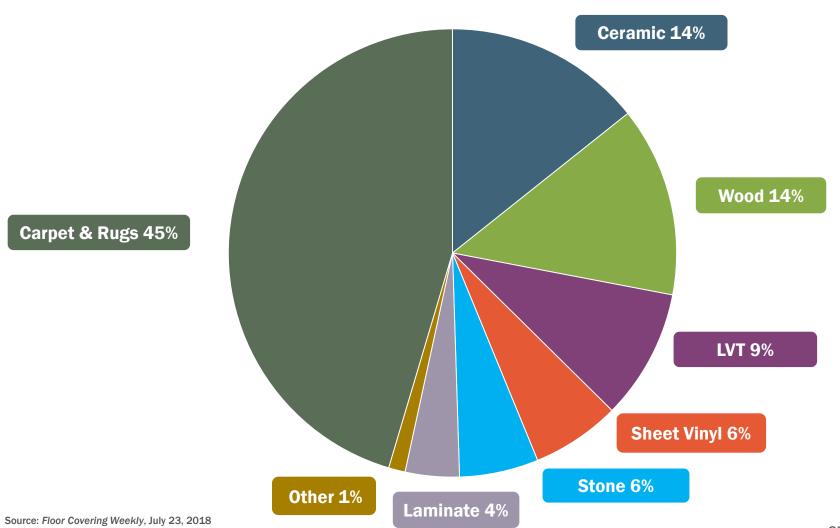
#### **Net Debt-to-EBITDA Multiple**



<sup>&</sup>lt;sup>1</sup> Approximately \$7 million in capital leases not shown. USCP and ECP amounts include end of quarter revolver borrowing.

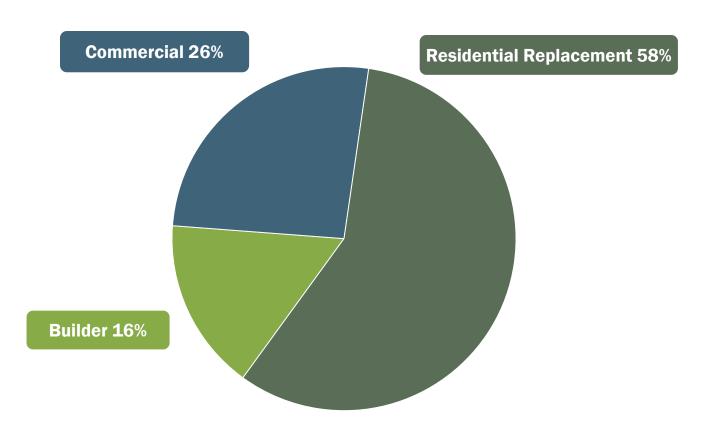


# U.S. Flooring Industry: \$25.4 Billion



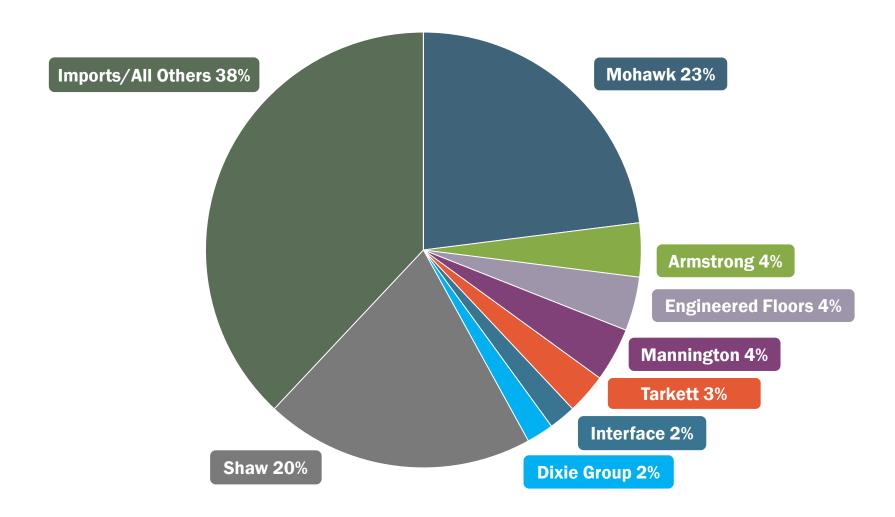
Subject to rounding

## U.S. Flooring Sales by End Use Market

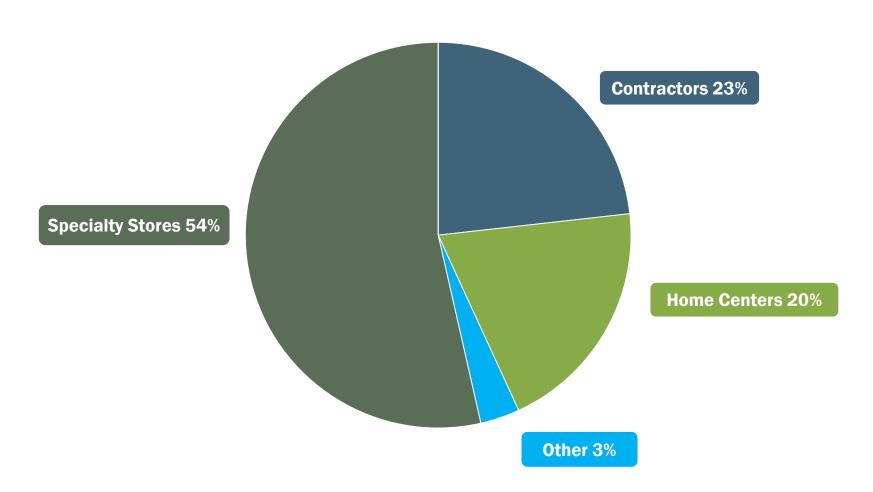


- Anticipate continued expansion in new housing starts
- Residential remodeling projected to significantly expand
- Commercial indicators suggest future growth

## U.S. Flooring Market



## U.S. Flooring Channels







Appendix

ADJUSTED OPERATING INCOME									
(Amounts in thousands USD)	2014	2015	2016	2017	2018				
Operating income	772,796	837,565	1,279,943	1,354,173	1,095,326				
Adjustments to operating income:									
Restructuring, acquisition and integration-related and other costs	51,604	74,604	59,847	48,939	78,649				
Legal settlement and reserves	10,000	124,480	(90,000)	-	-				
Tradename impairment	-	-	47,905	-	-				
Acquisitions purchase accounting (including inventory step-up)	-	13,337	-	13,314	15,360				
Adjusted operating income	834,400	1,049,986	1,297,695	1,416,426	1,189,335				
Adjusted operating income as a percent of net sales	10.7%	13.0%	14.5%	14.9%	11.9%				

OPERATING INCOME TO PROFORMA ADJUSTED EBITDA									
(Amounts in thousands USD)	2014	2015	2016	2017	2018				
Operating income	772,796	837,565	1,279,943	1,354,173	1,095,326				
Other (expense) income	(10,698)	(17,619)	1,729	(5,205)	(7,298)				
Net (earnings) loss attributable to non-controlling interest	(289)	(1,684)	(3,204)	(3,054)	(3,151)				
Depreciation and amortization	336,608	362,647	409,468	446,672	521,765				
EBITDA	1,098,417	1,180,908	1,687,936	1,792,586	1,606,642				
Restructuring, acquisition and integration-related and other costs	63,556	65,954	60,524	48,940	78,449				
Acquisitions purchase accounting (including inventory step-up)	-	13,337	-	13,314	15,359				
Legal settlement and reserves	10,000	124,480	(90,000)	-	-				
Tradename impairment		-	47,905	-	_				
Release of indemnification asset	-	11,180	5,372	4,459	4,606				
Adjusted EBITDA	1,171,973	1,395,859	1,711,737	1,859,299	1,705,056				

ADJUSTED NET EARNINGS									
(Amounts in thousands USD, except EPS)	2014	2015	2016	2017	2018				
Net earnings attributable to Mohawk Industries, Inc.	531,965	615,302	930,362	971,638	861,704				
Adjusting items:									
Restructuring, acquisition, integration-related and other costs and disposal of subsidiary	63,556	74,604	60,523	49,144	78,449				
Acquisitions purchase accounting (including inventory step-up)	-	13,337	-	13,314	15,359				
Acquisition interest expense	-	-	-	-	4,322				
Legal settlement and reserves	10,000	124,480	(90,000)	-	-				
Release of indemnification asset	-	11,180	5,371	4,459	4,606				
Bond redemption	18,922	-	-	-	-				
Deferred loan costs	1,080	651	-	-	-				
Tradename impairment	-	-	47,905	-	-				
Income taxes - reversal of uncertain tax position	-	(11,180)	(5,371)	(4,459)	(4,606)				
Income tax reform	-	-	-	810	-				
Income taxes	(27,856)	(72,872)	(8,443)	(16,260)	(37,817)				
Adjusted net earnings attributable to Mohawk Industries, Inc.	597,668	755,502	940,348	1,018,646	922,017				
Adjusted diluted earnings per share attributable to Mohawk Industries, Inc.	8.15	10.20	12.61	13.61	12.33				
Weighted-average common shares outstanding - diluted	73,363	74,043	74,568	74,839	74,773				

ADJUSTED OPERATING INCOME									
(Amounts in thousands USD)	2014	2015	2016	2017	2018				
GLOBAL CERAMIC SEGMENT									
Operating income	351,113	414,154	478,448	525,401	442,898				
Adjustments to operating income:									
Restructuring, acquisition and integration-related and other costs	9,330	5,429	2,906	6,142	13,312				
Acquisitions purchase accounting (including inventory step-up)	-	2,881	-	13,122	6,721				
Adjusted operating income	360,443	422,464	481,355	544,666	462,933				
Adjusted operating income as a percent of net sales	12.0%	14.0%	15.2%	16.0%	13.0%				
FLOORING NA SEGMENT									
Operating income	299,992	264,271	505,115	540,337	347,937				
Adjustments to operating income:									
Restructuring, acquisition and integration-related and other costs	4,610	27,290	41,841	32,966	42,847				
Impairment of tradename	-	-	47,905	-	-				
Legal settlement and reserves	10,000	126,480	(90,000)	-	-				
Acquisitions purchase accounting (including inventory step-up)	-	2,694	-	-	_				
Adjusted operating income	314,602	420,735	504,861	573,303	390,783				
Adjusted operating income as a percent of net sales	9.1%	11.7%	13.1%	14.3%	9.7%				
FLOORING ROW SEGMENT									
Operating income	151,528	203,370	333,091	329,054	345,801				
Adjustments to operating income:									
Restructuring, acquisition and integration-related and other costs	36,177	30,547	14,592	7,516	14,978				
Acquisitions purchase accounting (including inventory step-up)	-	7,761	-	192	8,639				
Adjusted operating income	187,705	241,678	347,683	336,762	369,417				
Adjusted operating income as a percent of net sales	13.9%	16.6%	18.1%	16.2%	15.4%				

ADJUSTED OPERATING INCOME								
(Amounts in thousands USD)	2016Q4	2017Q4	2018Q4					
Operating income	305,272	343,466	213,376					
Adjustments to operating income:								
Restructuring, acquisition and integration-related and other costs	16,214	15,231	20,613					
Acquisitions purchase accounting (including inventory step-up)	-	-	6,721					
Adjusted operating income	321,486	358,697	240,710					
Adjusted operating income as a percent of net sales	14.7%	15.1%	9.8%					

OPERATING INCOME TO ADJUSTED EBITDA								
(Amounts in thousands USD)	2016Q4	2017Q4	2018Q4					
Operating income	305,272	343,466	213,376					
Other (expense) income	3,190	(3,750)	(504)					
Net (earnings) loss attributable to non-controlling interest	(760)	(488)	(704)					
Depreciation and amortization	104,379	118,372	139,092					
EBITDA	412,081	457,600	351,260					
Restructuring, acquisition and integration-related and other costs	16,214	15,231	20,412					
Acquisitions purchase accounting (including inventory step-up)		-	6,721					
Release of indemnification asset	3,004	4,459	2,857					
Adjusted EBITDA	431,299	477,290	381,250					

ADJUSTED NET EARNINGS								
(Amounts in thousands USD, except EPS)	2016Q4	2017Q4	2018Q4					
Net earnings attributable to Mohawk Industries, Inc.	233,748	240,378	229,339					
Adjusting items:								
Restructuring, acquisition and integration-related and other costs and disposal of subsidiary	16,214	15,435	20,412					
Acquisitions purchase accounting (including inventory step-up)	-	-	6,721					
Acquisitions interest expense	-	-	4,322					
Release of indemnification asset	3,004	4,459	2,857					
Income taxes - reversal of uncertain tax position	(3,004)	(4,459)	(2,857)					
Income tax reform	-	810	-					
Income taxes	(6,678)	(624)	(73,282)					
Adjusted net earnings attributable to Mohawk Industries, Inc.	243,284	255,999	187,512					
Adjusted diluted earnings per share attributable to Mohawk Industries, Inc.	3.26	3.42	2.53					
Weighted-average common shares outstanding - diluted	74,638	74,915	74,183					

NET DEBT										
(Amounts in thousands USD)	2016Q3	2016Q4	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4
Current portion of long-term debt and commercial paper	1,548,251	1,382,738	1,497,986	1,754,077	1,172,781	1,203,683	1,331,917	1,146,511	1,333,853	1,742,373
Long-term debt, less current portion	1,165,577	1,128,746	1,132,268	1,174,440	1,544,665	1,559,894	1,585,651	1,884,023	1,528,551	1,515,601
Less: Cash and cash equivalents	112,108	121,665	188,436	130,238	84,502	84,884	114,843	518,226	91,351	119,050
Net Debt	2,601,721	2,389,819	2,441,819	2,798,279	2,632,944	2,678,693	2,802,725	2,512,308	2,771,053	3,138,924

TRAILING TWELVE MONTHS OPERATING INCOME TO PROFORMA ADJUSTED EBITDA										
(Amounts in thousands USD)	2016Q3	2016Q4	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3	2018Q4
Operating income (LTM)	1,223,911	1,279,943	1,309,056	1,314,189	1,315,979	1,354,173	1,347,788	1,318,270	1,225,416	1,095,326
Other (expense) income	(12,986)	1,729	7,990	(819)	1,735	(5,205)	(12,035)	(11,123)	(10,544)	(7,298)
Net (earnings) loss attributable to non-controlling interest	(2,890)	(3,204)	(3,137)	(3,278)	(3,326)	(3,054)	(3,027)	(2,919)	(2,935)	(3,151)
Depreciation and amortization	399,114	409,468	414,298	422,844	432,679	446,672	464,302	481,589	501,046	521,765
EBITDA (LTM)	1,607,149	1,687,936	1,728,207	1,732,936	1,747,067	1,792,586	1,797,028	1,785,817	1,712,983	1,606,642
Restructuring, acquisition, integration-related and other costs	75,130	60,524	56,784	66,642	49,923	48,940	67,066	67,230	73,267	78,449
Acquisitions purchase accounting (including inventory step-up)	21	-	192	9,763	13,314	13,314	14,476	5,099	8,638	15,359
Impairment of tradename	47,905	47,905	47,905	47,905	-	-	-	-	-	-
Legal settlement and reserves	(92,520)	(90,000)	(90,000)	(90,000)	-	-	-	-	-	-
Release of indemnification asset	13,548	5,372	5,372	5,372	3,004	4,459	6,208	6,208	6,208	4,606
Adjusted EBITDA (LTM)	1,651,233	1,711,737	1,748,460	1,772,618	1,813,308	1,859,299	1,884,778	1,864,354	1,801,096	1,705,056
Acquisitions EBITDA	7,337									
Proforma Adjusted EBITDA (LTM)	1,658,570	1,711,737	1,748,460	1,772,618	1,813,308	1,859,299	1,884,778	1,864,354	1,801,096	1,705,056
Net Debt to Proforma Adjusted EBITDA	1.6	1.4	1.4	1.6	1.5	1.4	1.5	1.3	1.5	1.8

#### **Investor Presentation**



