



# **Investor Presentation**

October 2018



## 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

- IV7
- Carpet & Rugs
- Sheet Vinyl

Laminate

Stone Flooring

Wood

- Countertops
- Expanding international presence
- Differentiated distribution infrastructure
- Strong cash flow to fund investments
- Superior management team with multi-level succession plan
- Significant insider ownership
- Approved \$500M stock repurchase program

## Mohawk by the Numbers



\$9.5B

2017 Worldwide Sales



\$1.9B

2017 Adjusted EBITDA



\$6.6B

CapEx & Acquisition Investments (2013-17)



42

Acquisitions Since 1992



19

Countries Manufacturing



38,800+

Employees Worldwide



**170**+

Countries Sales

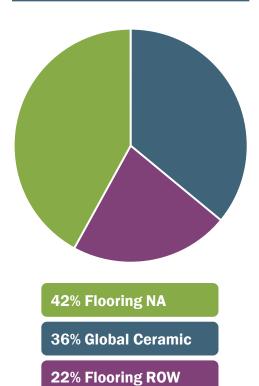


25,000+

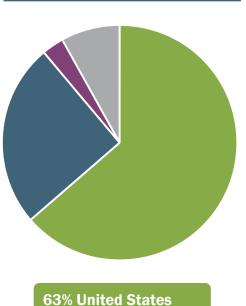
Customers Worldwide

## 2017 Sales Mix

#### **SEGMENT**



#### **GEOGRAPHY**



25% Europe

3% Russia

8% Other

# International Operations



### Investing in the Business

2013-18

\$8.1B

Total Investment

\$4.2B **Acquisitions** 

New Products & Geographies (including Eliane)



\$3.9B CapEx

Productivity & **Profitability** 

### 2016-17 CapEx & Acquisitions



Carpet

Australia

Europe

New Zealand

**\$1.8B** Additional Sales

Capacity

Countries

Sheet Vinyl Russia



**Product** Categories



Ceramic

Brazil

Mexico

Europe

Russia

2019

\$550-570 Planned Capital Investment







## Extending Sales Capacity through Investment

\$2.3B internal investment (2016-2018)



#### **UNITED STATES**

- Doubling capacity in fast-growing LVT; adding rigid technology
- Added capacity in laminate and engineered wood
- Constructing quartz countertop plant
- 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
- Constructed carpet tile plant in Belgium
- Expanded capacity in premium laminate



#### **RUSSIA**

- Adding sheet vinyl plant
- Expanding capacity in ceramic and laminate

# Aggressive Acquisition Strategy

Invested \$4B in 18 acquisitions since 2013 (including Eliane)



#### **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**

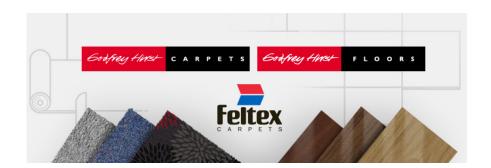
- Proven management teams
- Good bench strength
- Shared values
- Improve entire business with best practices



#### **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
- Last fiscal year net sales: US\$334M
- Carpet manufacturing in both countries
- Sourced hard surface distribution
- Market's design and innovation leader
- Integration underway with existing Mohawk soft and hard surface business

### Eliane Acquisition





- Announced October 25, 2018
- Leading ceramic tile manufacturer in Brazil, one of world's largest markets
- Last fiscal year 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\$0.15-0.20

### Positive Industry Outlook





Before



#### **United States**

- GDP & flooring industry growing
- New residential construction increasing
- Rising home prices support reinvestment
- Commercial end market growing

#### **Rest of World**

- Economy in EU still growing but at slower rate
- 2018 Russian economy under pressure
- In Mexico, growth projected as political uncertainty subsides
- 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%

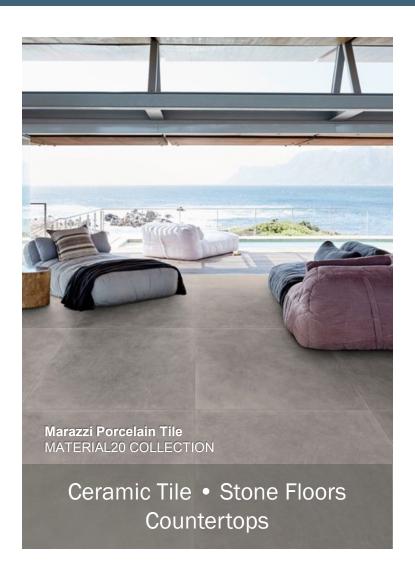
Greenhouse Gas Intensity Reduced since 2010





Global Ceramic

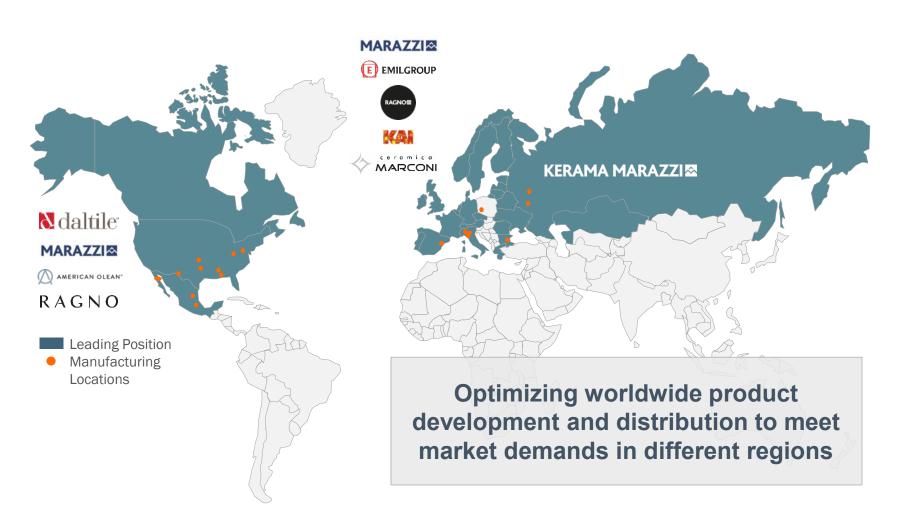
## Global Ceramic Segment



#### **Competitive Advantages**

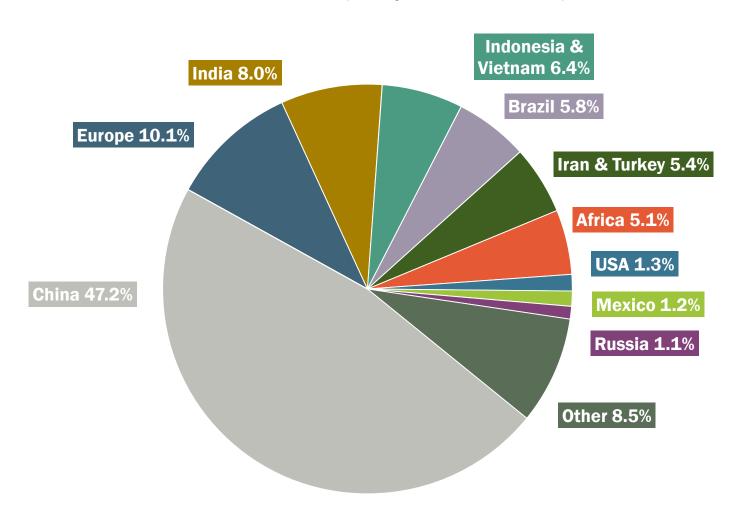
- Worldwide ceramic leader with leading positions in North America, Eastern & Western Europe and Russia
- Most widely recognized ceramic brands
- Broad product line satisfies all channels and price points
- North American market share substantially larger than closest competitor
- Unmatched North American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

#### **UNITED STATES & CANADA**

### daltile<sup>\*</sup>





RAGNO

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

#### **RUSSIA**

#### KERAMA MARAZZI

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

### **EUROPE**











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

#### **MEXICO**





- Independent specialty retail
- 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**



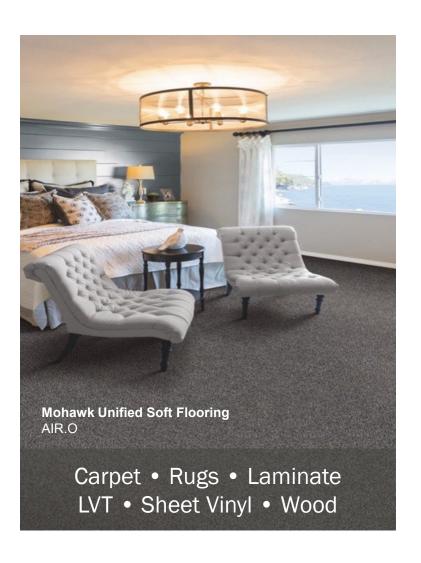
Scale and beauty of natural stone with the benefits of porcelain tile





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

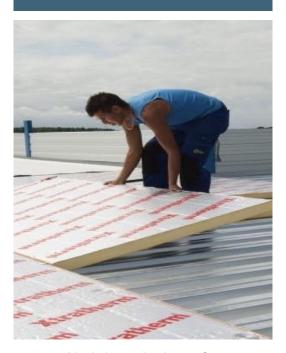
## Flooring ROW Panels

#### **MDF & Chipboards**



Furniture and specialty construction

#### **Insulation Panels**

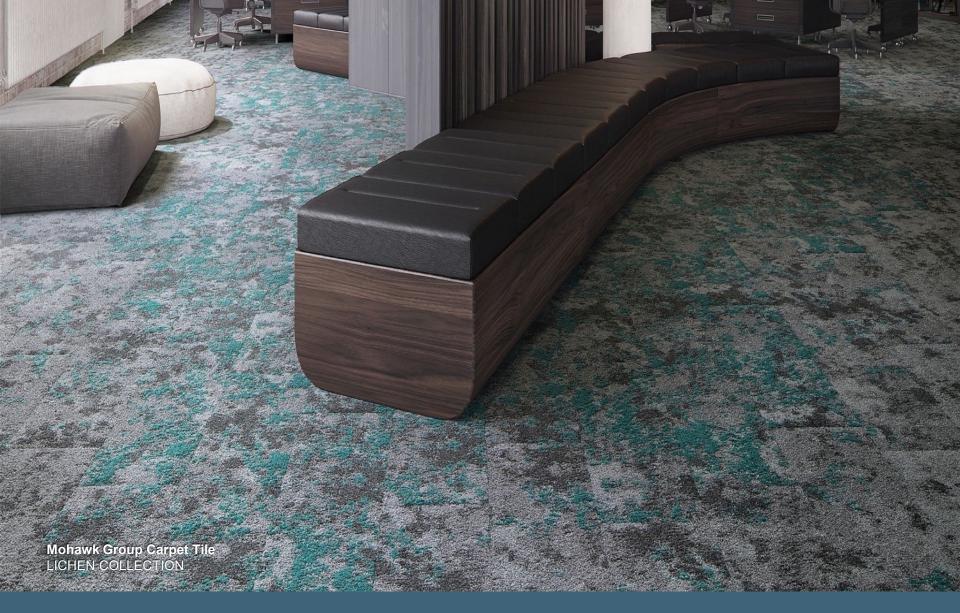


Airtight solutions for renovations or new construction

#### **Roofing Panels**



Insulated custom roof panels and hinged roofs



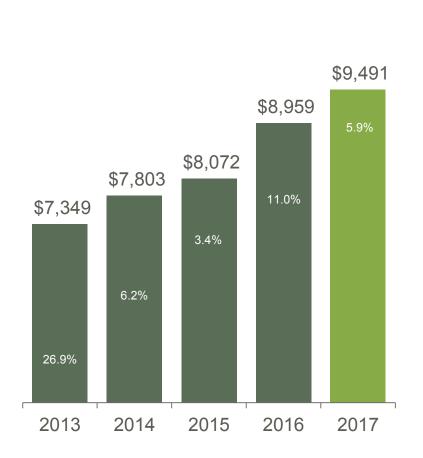


Financials

### Net Sales & Adjusted EBITDA

**Net Sales (% YOY Growth)** 

### **EBITDA (% of Net Sales)**





Dollars in Millions, excluding unusual items

# Earnings Summary

(ex-unusual items)

	2013	2014	2015	2016	2017
Net Sales	<b>\$7,349</b>	<b>\$7,803</b>	<b>\$8,072</b>	<b>\$8,959</b>	<b>\$9,491</b> 6%
% Change	27%	6%	3%	11%	
EBITDA EBITDA Margin	<b>\$991</b> 13%	<b>\$1,171</b> 15%	<b>\$1,395</b> 17%	<b>\$1,711</b> 19%	<b>\$1,859</b> 20%
Operating Income Operating Margin	<b>\$690</b>	<b>\$834</b>	<b>\$1,050</b>	<b>\$1,298</b>	<b>\$1,416</b>
	9%	11%	13%	14%	15%
Net Earnings	<b>\$473</b>	<b>\$598</b>	<b>\$756</b>	<b>\$940</b>	<b>\$1,019</b>
% Change	81%	26%	26%	24%	8%
Adjusted Diluted EPS % Change	<b>\$6.55</b> 73%	<b>\$8.15</b> 24%	<b>\$10.20</b> 25%	<b>\$12.61</b> 24%	<b>\$13.61</b> 8%

(Dollars in Millions except EPS)

## Results by Segment

(ex-unusual items)

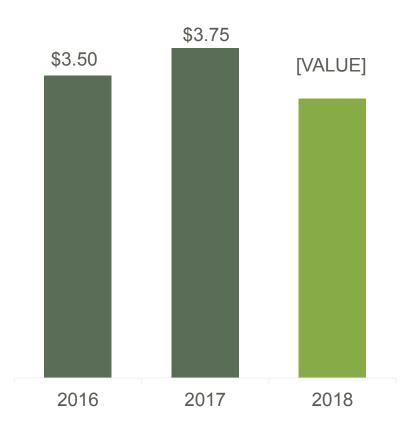
	2013	2014	2015	2016	2017			
GLOBAL CERAMIC SEGMENT								
Sales % Change	<b>\$2,677</b> 66%	<b>\$3,015</b> 13%	<b>\$3,013</b> 0%	<b>\$3,175</b> 5%	<b>\$3,405</b> 7%			
Operating Income Operating Margin	<b>\$284</b> 11%	<b>\$360</b> 12%	<b>\$422</b> 14%	<b>\$481</b> 15%	<b>\$545</b> 16%			
FLOORING NA SEGMENT								
Sales % Change	<b>\$3,423</b> 9%	<b>\$3,441</b> 1%	<b>\$3,602</b> 5%	<b>\$3,866</b> 7%	<b>\$4,011</b> 4%			
Operating Income Operating Margin	<b>\$279</b> 8%	<b>\$315</b> 9%	<b>\$421</b> 12%	<b>\$505</b> 13%	<b>\$573</b> 14%			
FLOORING ROW SEGMENT								
Sales % Change	<b>\$1,249</b> 21%	<b>\$1,354</b> 8%	<b>\$1,457</b> 8%	<b>\$1,919</b> 32%	<b>\$2,075</b> 8%			
Operating Income Operating Margin	<b>\$157</b> 13%	<b>\$188</b> 14%	<b>\$242</b> 17%	<b>\$348</b> 18%	<b>\$337</b> 16%			

## Quarterly Earnings Summary

(ex-unusual items)

### **Adjusted Diluted Quarterly EPS**

### **Third Quarter Results**



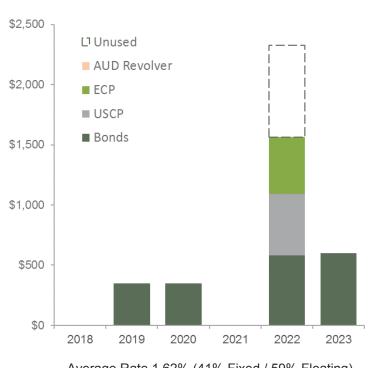
	2016	2017	2018
Net Sales % Change	<b>\$2,294</b> 7%	<b>\$2,449</b> 7%	<b>\$2,546</b> 4%
EBITDA EBITDA Margin	<b>\$468</b> 20%	<b>\$509</b> 21%	<b>\$445</b> 17%
Operating Income Operating Margin	<b>\$367</b> 16%	<b>\$398</b> 16%	<b>\$314</b> 12%
Adjusted Diluted EPS % Change	<b>\$3.50</b> 17%	<b>\$3.75</b> 7%	<b>\$3.29</b> -12%

(Dollars in Millions except EPS)

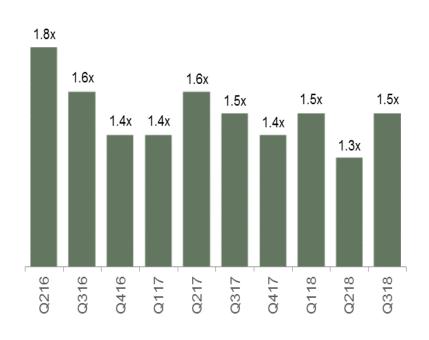
### Leverage and Capital Structure

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

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







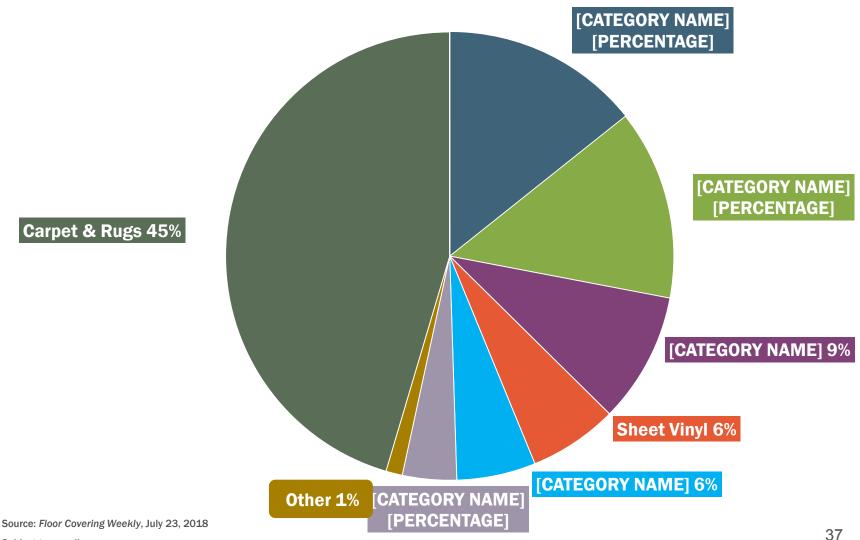
<sup>&</sup>lt;sup>1</sup> Approximately \$7 million in capital leases not shown. USCP and ECP amounts include end of quarter revolver borrowing.





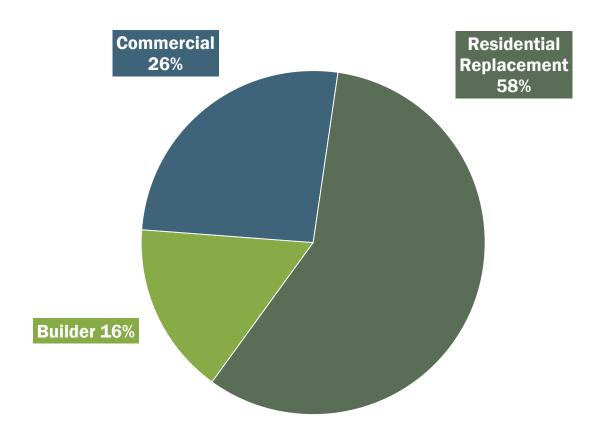
Industry Data

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



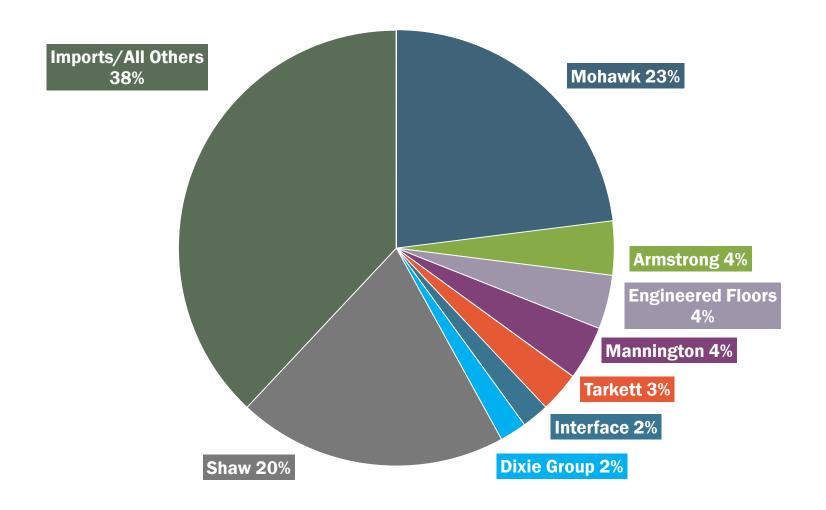
Subject to rounding

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

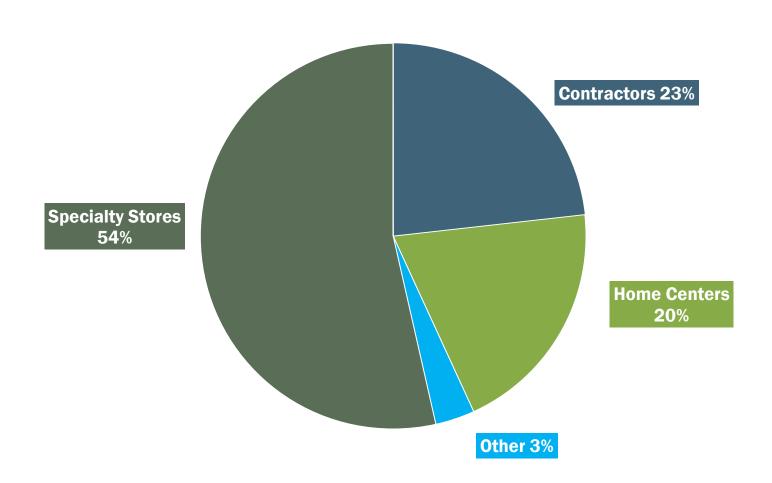


- Anticipate
   continued
   expansion in new
   housing starts
- Residential remodeling projected to significantly expand
- Commercial indicators suggest future growth

# U.S. Flooring Market



# U.S. Flooring Channels







Appendix

ADUSTED OPERATING INCOME									
(Amounts in thousands USD)	2013	2014	2015	2016	2017				
Operating income	546,931	772,796	837,565	1,279,943	1,354,173				
Adjustments to operating income:									
Restructuring, acquisition and integration-related and other costs	111,939	51,604	74,604	59,847	48,940				
Legal settlement and reserves	-	10,000	124,480	(90,000)	-				
Tradename impairment	-	-	-	47,905	-				
Acquisitions purchase accounting (inventory step-up)	31,041	-	13,337	-	13,314				
Adjusted operating income	689,911	834,400	1,049,986	1,297,696	1,416,426				
Adjusted operating income as a percent of net sales	9.4%	10.7%	13.0%	14.5%	14.9%				

OPERATING INCOME TO PROFORMA ADJUSTED EBITDA									
(Amounts in thousands USD)	2013	2014	2015	2016	2017				
Operating income	546,931	772,796	837,565	1,279,943	1,354,173				
Other (expense) income	(9,114)	(10,698)	(17,619)	1,729	(5,205)				
Net (earnings) loss attributable to non-controlling interest	(505)	(289)	(1,684)	(3,204)	(3,054)				
Depreciation and amortization	308,871	336,608	362,647	409,468	446,672				
EBITDA	846,183	1,098,417	1,180,908	1,687,936	1,792,586				
Restructuring, acquisition and integration-related and other costs	113,420	63,556	65,954	60,524	48,940				
Acquisitions purchase accounting (inventory step-up)	31,041	-	13,337	-	13,314				
Legal settlement and reserves	-	10,000	124,480	(90,000)	-				
Tradename impairment	-	-	-	47,905	-				
Release of indemnification asset	-	-	11,180	5,372	4,459				
Adjusted EEITDA	990,644	1,171,973	1,395,859	1,711,737	1,859,299				

ADJUSTED NET EARNINGS								
(Amounts in thousands USD, except EPS)	2013	2014	2015	2016	2017			
Net earnings attributable to Mohawk Industries, Inc.	348,786	531,965	615,302	930,362	971,638			
Adjusting items:								
Restructuring, acquisition and integration-related and other costs and disposal of subsidiary	113,420	63,556	74,604	60,523	49,144			
Acquisitions purchase accounting (inventory step-up)	31,041	-	13,337	-	13,314			
Discontinued operations	18,945	-	-	-	-			
Legal settlement and reserves	-	10,000	124,480	(90,000)	-			
Release of indermification asset	-	-	11,180	5,371	4,459			
Bond redemption	-	18,922	-	-	-			
Deferred loan costs	490	1,080	651	-	-			
Interest on 3.85% senior notes	3,559	-	-	-	-			
Tradename impairment	-	-	-	47,905	-			
Income taxes - reversal of uncertain tax position	-	-	(11,180)	(5,371)	(4,459)			
Income tax reform	-	-	-	-	810			
Income taxes	(42,841)	(27,856)	(72,872)	(8,443)	(16,260)			
Adjusted net earnings attributable to Mohawk Industries, Inc.	473,400	597,668	755,502	940,348	1,018,646			
Adjusted diluted earnings per share attributable to Mohaw k Industries, Inc.	6.55	8.15	10.20	12.61	13.61			
Weighted-average common shares outstanding - diluted	72,301	73,363	74,043	74,568	74,839			

ADUSTED OPERATING INCOME								
(Amounts in thousands USD)	2013	2014	2015	2016	2017			
GLOBAL CERAMIC SEGMENT								
Operating income	209,825	351,113	414,154	478,448	525,401			
Adjustments to operating income:								
Restructuring, acquisition and integration-related and other costs	42,875	9,330	5,429	2,906	6,143			
Acquisitions purchase accounting (inventory step-up)	31,041	-	2,881	-	13,122			
Adjusted operating income	283,740	360,443	422,464	481,355	544,666			
Adjusted operating income as a percent of net sales	10.6%	12.0%	14.0%	15.2%	16.0%			
FLOORING NA SEGMENT								
Operating income	259,753	299,992	264,271	505,115	540,337			
Adjustments to operating income:								
Restructuring, acquisition and integration-related and other costs	19,172	4,610	27,290	41,841	32,966			
Impairment of tradename	-	-	-	47,905	-			
Legal settlement and reserves	-	10,000	126,480	(90,000)	-			
Acquisitions purchase accounting (inventory step-up)	-	-	2,694	-	-			
Adjusted operating income	278,925	314,602	420,735	504,861	573,303			
Adjusted operating income as a percent of net sales	8.1%	9.1%	11.7%	13.1%	14.3%			
FLOORING ROW SEGMENT								
Operating income	107,850	151,528	203,370	333,091	329,054			
Adjustments to operating income:								
Restructuring, acquisition and integration-related and other costs	48,667	36,177	30,547	14,592	7,516			
Acquisitions purchase accounting (inventory step-up)	-	-	7,761	-	192			
Adjusted operating income	156,517	187,705	241,678	347,683	336,762			
Adjusted operating income as a percent of net sales	12.5%	13.9%	16.6%	18.1%	16.2%			

ADUSTED OPERATING INCOME								
(Amounts in thousands USD)	2016Q3	2017Q3	2018Q3					
Operating income	378,307	380,097	287,244					
Adjustments to operating income:								
Restructuring, acquisition and integration-related and other costs	30,571	13,853	19,890					
Impairment of tradename	47,905	-	-					
Legal settlement and reserves	(90,000)	-	-					
Acquisitions purchase accounting (inventory step-up)	-	3,551	7,090					
Adjusted operating income	366,783	397,501	314,224					
Adjusted operating income as a percent of net sales	16.0%	16.2%	12.3%					

OPERATING INCOME TO ADJUSTED EBITDA									
(Amounts in thousands USD)	2016Q3	2017Q3	2018Q3						
Operating income	378,307	380,097	287,244						
Other (expense) income	(3,839)	(1,285)	(706)						
Net (earnings) loss attributable to non-controlling interest	(949)	(997)	(1,013)						
Depreciation and amortization	103,680	113,515	132,972						
EBITDA	477,199	491,331	418,497						
Restructuring, acquisition and integration-related and other costs	30,572	13,853	19,890						
Acquisitions purchase accounting (inventory step-up)	-	3,551	7,090						
Impairment of tradename	47,905	-	-						
Legal settlement and reserves	(90,000)	-	-						
Release of indemnification asset	2,368	-	-						
Adjusted EBITDA	468,044	508,735	445,477						

ADJUSTED NET EARNINGS								
(Amounts in thousands USD, except EPS)	2016Q3	2017Q3	2018Q3					
Net earnings attributable to Mohawk Industries, Inc.	269,878	270,025	227,013					
Adjusting items:								
Restructuring, acquisition and integration-related and other costs and disposal of subsidiary	30,572	13,853	19,890					
Acquisitions purchase accounting (inventory step-up)	-	3,551	7,090					
Legal settlement and reserves	(90,000)	-	-					
Release of indemnification asset	2,368	-	-					
Impairment of tradename	47,905	-	-					
Income taxes - reversal of uncertain tax position	(2,368)	-	-					
Income taxes	2,856	(6,545)	(7,701)					
Adjusted net earnings attributable to Mohawk Industries, Inc.	261,211	280,884	246,292					
Adjusted diluted earnings per share attributable to Mohaw k Industries, Inc.	3.50	3.75	3.29					
Weighted-average common shares outstanding - diluted	74,613	74,841	74,945					

NET DEBT										
(Amounts in thousands USD)	2016Q2	2016Q3	2016Q4	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3
Current portion of long-term debt and commercial paper	1,795,584	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
Long-term debt, less current portion	1,160,700	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
Less: Cash and cash equivalents	112,049	112,108	121,665	188,436	130,238	84,502	84,884	114,843	518,226	91,351
Net Debt	2,844,236	2,601,721	2,389,819	2,441,819	2,798,279	2,632,944	2,678,693	2,802,725	2,512,307	2,771,053

TRAILING TWELVE MONTHS OPERATING INCOME TO PROFORMA ADJUSTED EBITDA										
(Amounts in thousands USD)	2016Q2	2016Q3	2016Q4	2017Q1	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3
Operating income (LTM)	1,134,340	1,223,911	1,279,943	1,309,056	1,314,189	1,315,979	1,354,173	1,347,788	1,318,269	1,225,416
Other (expense) income	(13,396)	(12,986)	1,729	7,990	(819)	1,735	(5,205)	(12,035)	(11,123)	(10,544)
Net (earnings) loss attributable to non-controlling interest	(2,739)	(2,890)	(3,204)	(3,137)	(3,278)	(3,326)	(3,054)	(3,027)	(2,919)	(2,935)
Depreciation and amortization	390,389	399,114	409,468	414,298	422,844	432,679	446,672	464,302	481,589	501,046
EBITDA (LTM)	1,508,594	1,607,149	1,687,936	1,728,207	1,732,936	1,747,067	1,792,586	1,797,028	1,785,816	1,712,983
Restructuring, acquisition and integration-related and other costs	56,248	75,130	60,524	56,784	66,642	49,923	48,940	67,066	67,230	73,267
Acquisitions purchase accounting (inventory step-up)	7,181	21	-	192	9,763	13,314	13,314	14,476	5,099	8,638
Impairment of tradename	-	47,905	47,905	47,905	47,905	-	-	-	-	-
Legal settlement and reserves	(2,520)	(92,520)	(90,000)	(90,000)	(90,000)	-	-	-	-	-
Release of indemnification asset	11,180	13,548	5,372	5,372	5,372	3,004	4,459	6,208	6,208	6,208
Adjusted EBITDA (LTM)	1,580,683	1,651,233	1,711,737	1,748,460	1,772,618	1,813,308	1,859,299	1,884,778	1,864,353	1,801,096
Acquisitions EBITDA	10,976	7,337								
Proforma Adjusted EBITDA (LTM)	1,591,659	1,658,570	1,711,737	1,748,460	1,772,618	1,813,308	1,859,299	1,884,778	1,864,353	1,801,096
Net Debt to Proforma Adjusted EBITDA	1.8	1.6	1.4	1.4	1.6	1.5	1.4	1.5	1.3	1.5

#### **Investor Presentation**



