Safe Harbor Statement

Our disclosures in this presentation, including without limitation, those relating to future financial results guidance and the possible separation of our flooring business from our building products business, and in our other public documents and comments contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act. Those statements provide our future expectations or forecasts and can be identified by our use of words such as "anticipate," "estimate," "expect," "project," "intend," "plan," "believe," "outlook," "target," "predict," "may," "will," "would," "could," "seek," and other words or phrases of similar meaning in connection with any discussion of future operating or financial performance or the separation of our businesses. Forward-looking statements, by their nature, address matters that are uncertain and involve risks because they relate to events and depend on circumstances that may or may not occur in the future. A more detailed discussion of the risks and uncertainties that may affect our ability to achieve the projected performance is included in the "Risk Factors" and "Management's Discussion and Analysis" sections of our recent reports on Forms 10-K and 10-Q filed with the SEC. As a result, our actual results may differ materially from our expected results and from those expressed in our forward-looking statements. Forward-looking statements speak only as of the date they are made. We undertake no obligation to update any forward-looking statements beyond what is required under applicable securities law. The information in this presentation is only effective as of the date given, March 10, 2016, and is subject to change. Any distribution of this presentation after March 10, 2016 is not intended and will not be construed as updating or confirming such information.

In addition, we will be referring to "non-GAAP financial measures" within the meaning of SEC Regulation G. A reconciliation of the differences between these measures with the most directly comparable financial measures calculated in accordance with GAAP can be found in the appendix to this presentation, in our SEC filings and on the Investor Relations section of our website at www.armstrong.com.

Armstrong World Industries competes globally in many diverse markets. References to "market" or "share" data are simply estimations based on a combination of internal and external sources and assumptions. They are intended only to assist discussion of the relative performance of product segments and categories for marketing and related purposes. No conclusion has been reached or should be reached regarding a "product market," a "geographic market" or "market share," as such terms may be used or defined for any economic, legal or other purpose.



Basis of Presentation Explanation

When reporting our financial results within this presentation, we make several adjustments. Management uses the non-GAAP measures below in managing the business and believes the adjustments provide meaningful comparisons of operating performance between periods. As reported results will be footnoted throughout the presentation.

- We report in comparable dollars to remove the effects of currency translation on the P&L. The budgeted exchange rates for 2015 were used for all currency translations in 2015 and prior years.
- We remove the impact of discrete expenses and income. Examples include plant closures, restructuring actions, separation costs and other large unusual items. We also remove the noncash impact of our U.S. Pension Plan.
- Guidance metrics are presented using the 2016 budgeted exchange rates for the year.
- Taxes for normalized EPS are calculated using a constant 39% for 2016 guidance, which is based on the expected long term tax rate.

What Items Are Adjusted

	Comparable Dollars	Other Adjustments
Net Sales	Yes	No
Gross Profit	Yes	Yes
SG&A Expense	Yes	Yes
Equity Earnings	Yes	Yes
Operating Income	Yes	Yes
Net Income	Yes	Yes
Cash Flow	No	Yes
Return on Capital	Yes	Yes
EBITDA	Yes	Yes



The New AWI

Investment Highlights

Financial Overview

Q & A







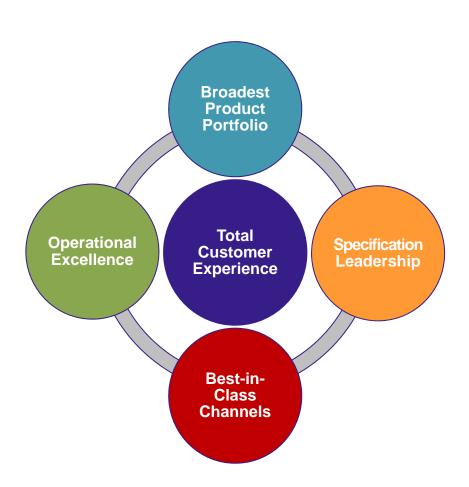


Standout Leader Uniquely Positioned to Drive Value

Unmatched Strengths

Our Winning Formula

- √ #1 position in all major markets
- ✓ Unmatched profitability and cash flow
- ✓ Broadest, most innovative portfolio
- ✓ Specification leader among architects, designers and end-customers
- ✓ Best-in-class distribution
- ✓ Strongest brand with experienced and talented organization





Leadership Position in Attractive Ceilings Industry



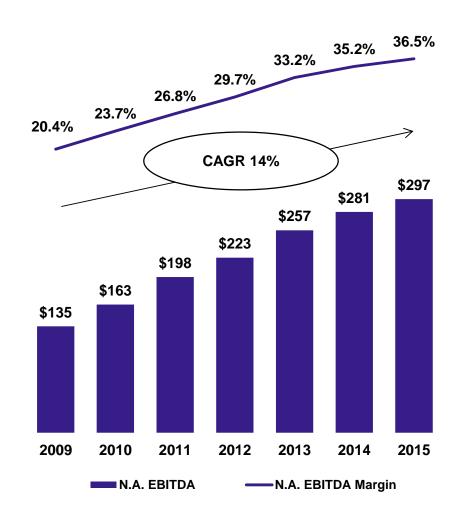
- ✓ Consolidated industry structure
- ✓ Large installed base with stable repair
 & remodel demand
- ✓ Established product specifications
- ✓ Multi-faceted sales process involving architects, designers, distributors, contractors and end-users
- ✓ High value but low cost product with limited substitutes and lack of imports
- ✓ End users demonstrate brand loyalty and reward customer service and innovation

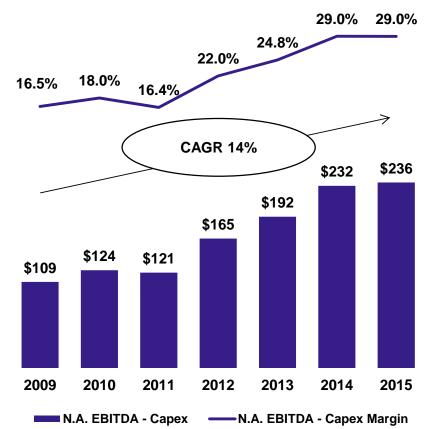


Robust and Expanding Profitability and Cash Flow

North America EBITDA⁽¹⁾

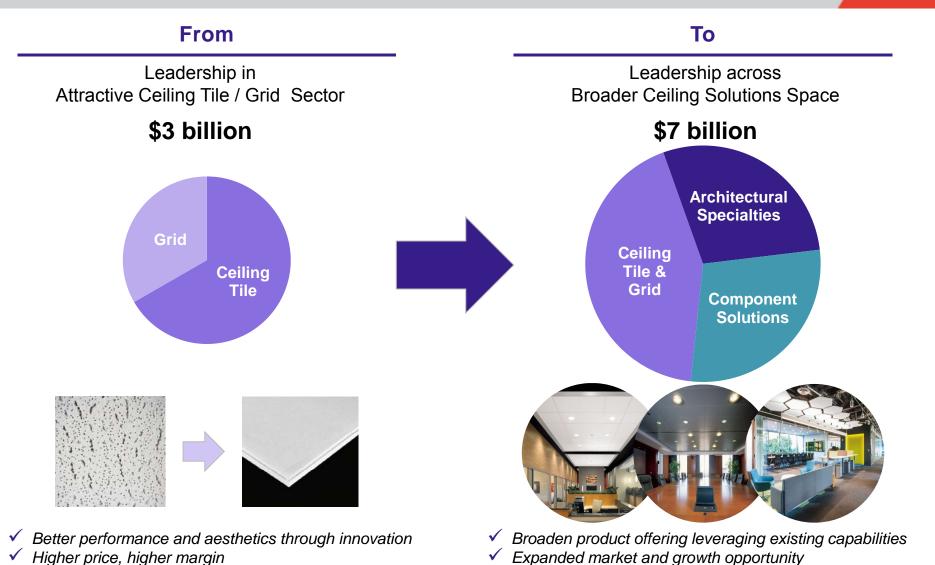
North America EBITDA less Capex⁽¹⁾







Innovating to Penetrate Expanded Addressable Market



Mission: A Solution for Every Space



Experienced Leadership Focused on Value Creation

Experienced and Stable Team Driving the Business Forward

Incented to Maximize Performance and Returns



Vic Grizzle – CEO

- 5 years with AWI
- 21 years previous experience with GE and Valmont



Brian MacNeal - CFO

- 2 years with AWI
- 20 years previous experience with Campbell Soup



Dave Cookson - SVP Americas

36 years with AWI



Charles Chiappone – SVP Ceiling Solutions

- 4 years with AWI
- 21 years previous experience with Alloy Polymers, SPX and GE



Wilfred Middel - VP & MD EMEA

21 years with AWI



Michael Jenkins - MD Asia

35 years with AWI

- Greater transparency and management accountability to drive performance
- ✓ Pure-play ceiling solutions company with no competition for capital or management attention
- ✓ Intense focus on expanding already high returns on invested capital
- ✓ Management incentives based on total shareholder returns and free cash flow



1 Standout Global Leader in Attractive Ceilings Industry

2 Best-in-Class, Stable Cash Flow Through the Cycle

3 Attractive, Multi-Faceted Growth Opportunities

4 Additional Levers to Create Shareholder Value



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The New AWI Investment Thesis



2 Best-in-Class, Stable Cash Flow Through the Cycle

3 Attractive, Multi-Faceted Growth Opportunities

4 Additional Levers to Create Shareholder Value





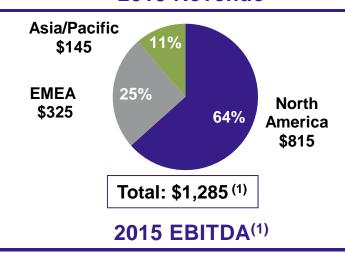


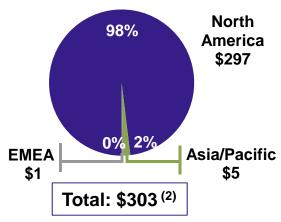


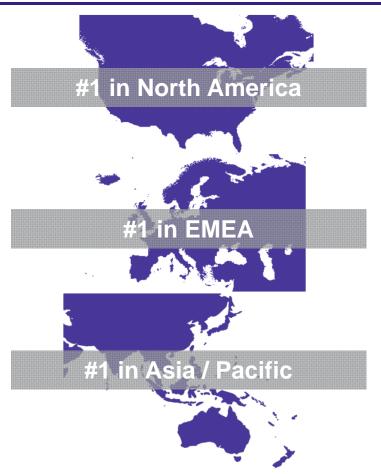
Standout Global Leader in Attractive Ceilings Industry

2015 Revenue

AWI Position by Market







- Stand-out leadership and profitability in highly attractive North American market
- Significant scale and upside potential in international business

Note: Dollars in millions

Includes ~\$97 million of revenue from direct sales of WAVE products to customers in certain international markets. WAVE JV otherwise accounted for using the equity method

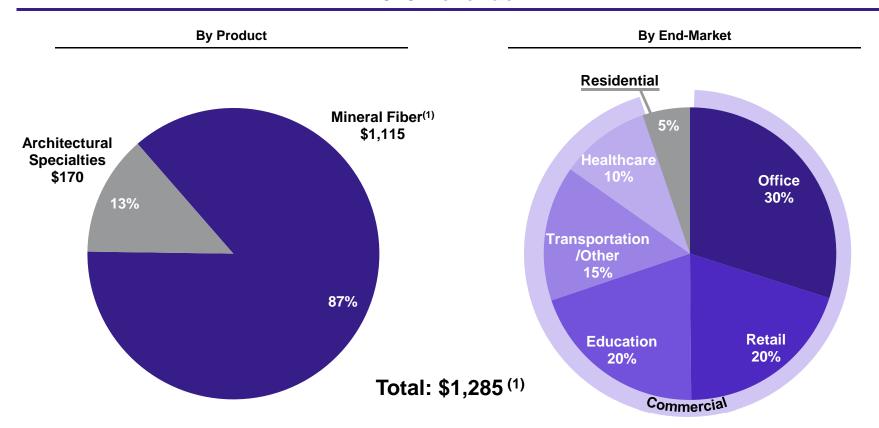






Global Ceilings Leader with Diversified End-Markets

2015 Revenue Mix









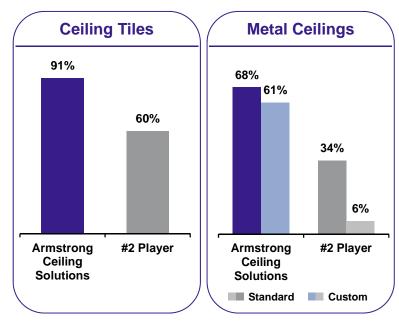


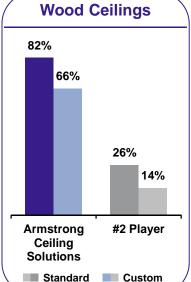


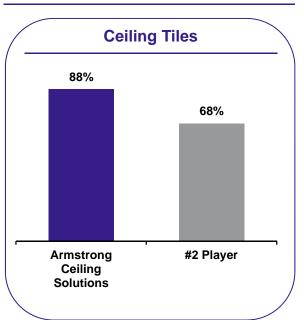
Most Recognized Ceilings Brand Across Categories

Unaided Brand Awareness

Among Architects & Designers



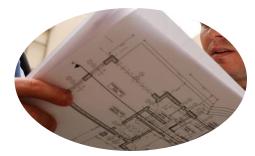




Among Contractors









Source: M/A/R/C Research Note: Data is for North America market only



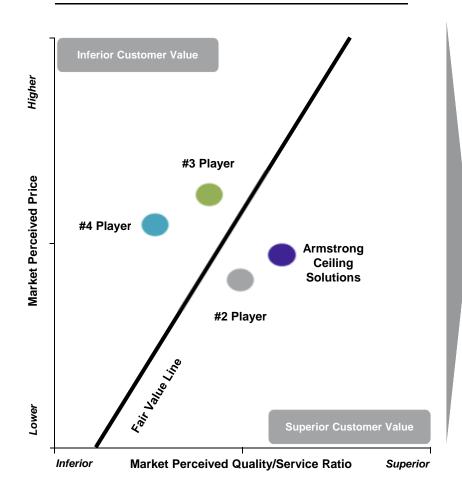






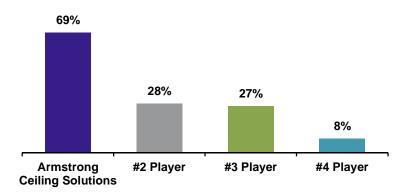
Recognized Value Proposition...

Specifier Customer Value (2015)

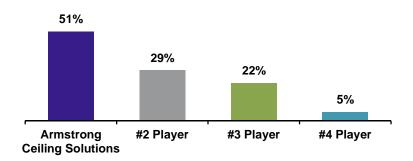


...and Standout Mind-Share in Adjacencies

Avg. Spec Rate (2013-2015) - Metal Ceilings



Avg. Spec Rate (2013-2015) - Wood Ceilings





Source: Dodge and other independent 3rd party research Note: Data is for North America market only

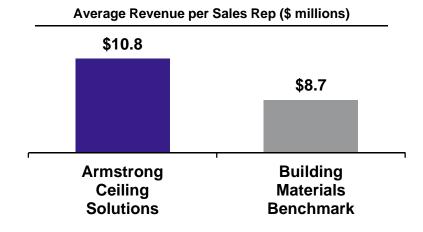


Broadest Go-to-Market Coverage

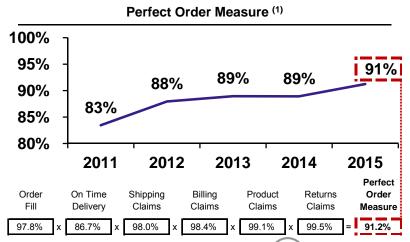
Superior Coverage...

- ✓ Exclusive, long-term distribution relationships across nearly all regions
- ✓ Strong brand recognition and loyalty
- ✓ Over 15% more distribution points than the #2 player
- ✓ Over 5x the contractor relationships of the #2 player
- ✓ ~150 AWI sales representatives complemented by ~900 distributor representatives selling our solutions
- Warranty claims rate of 0.2% half the building products industry average

...With Enhanced Sales Effectiveness...



...and Outstanding Service Levels











Longstanding Partnership: WAVE – AWI / Worthington JV

Highlights

- ✓ 23 year global partnership with Worthington Industries that successfully combines the expertise of both companies
- ✓ Seamless customer relationship customers buy an AWI ceiling solution complete with grid and other components
- √ 10 manufacturing plants in 5 countries
- ✓ Product development synchronized with AWI's new product pipeline

Products



Perimeters & Trim

2015 Revenue: ~\$400 million

ROIC: ~100%

~\$300 million in dividends to **AWI from 2012 to 2015**



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3 Attractive, Multi-Faceted Growth Opportunities

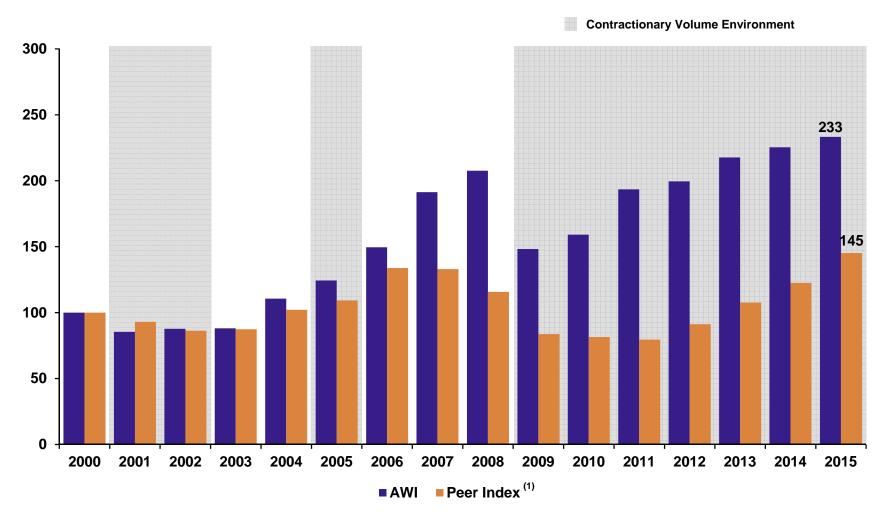
Additional Levers to Create Shareholder Value





Superior EBITDA Growth and Stability through the Cycle

Historical Indexed EBITDA (2000 = 100)

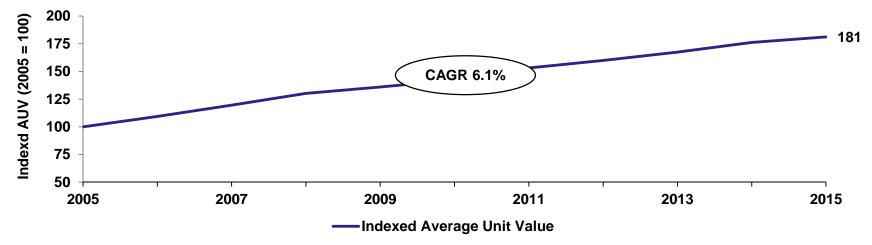




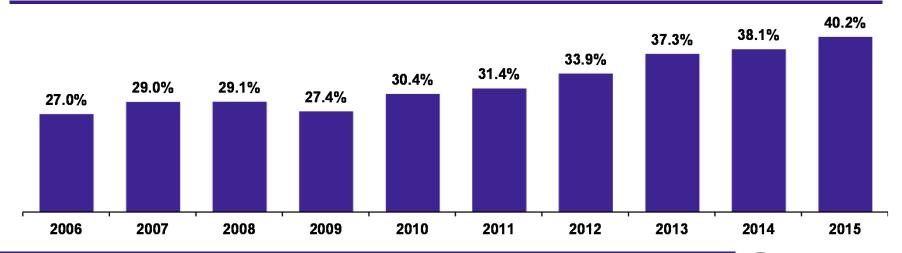




Increases in Average Unit Value Over Time ...



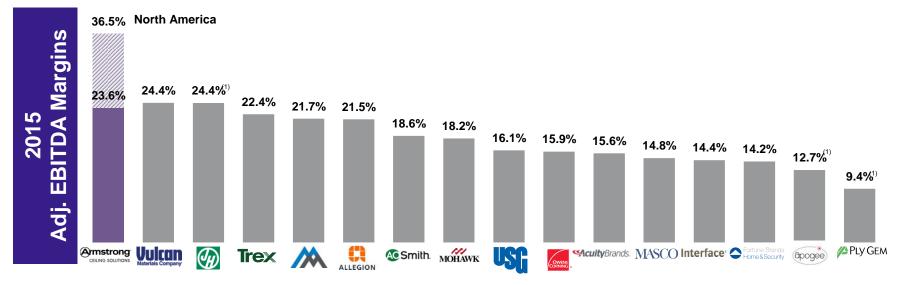
... Yielding Significant Gross Margin Expansion⁽¹⁾

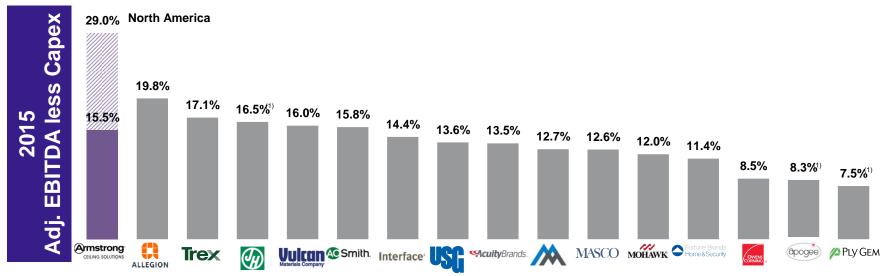


Continuous Price/Mix and Productivity Driving Margins



Best-in-Class Across Building Products Industry







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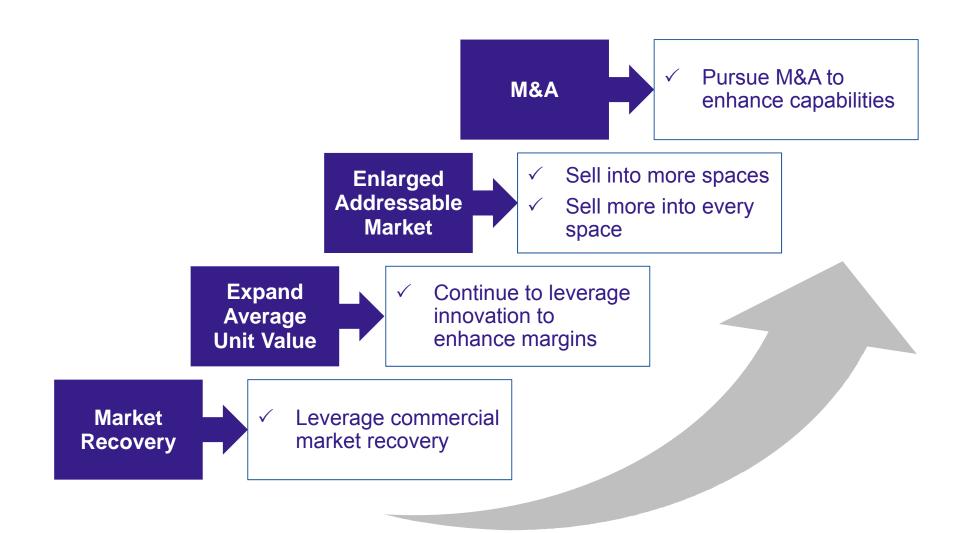
Additional Levers to Create Shareholder Value







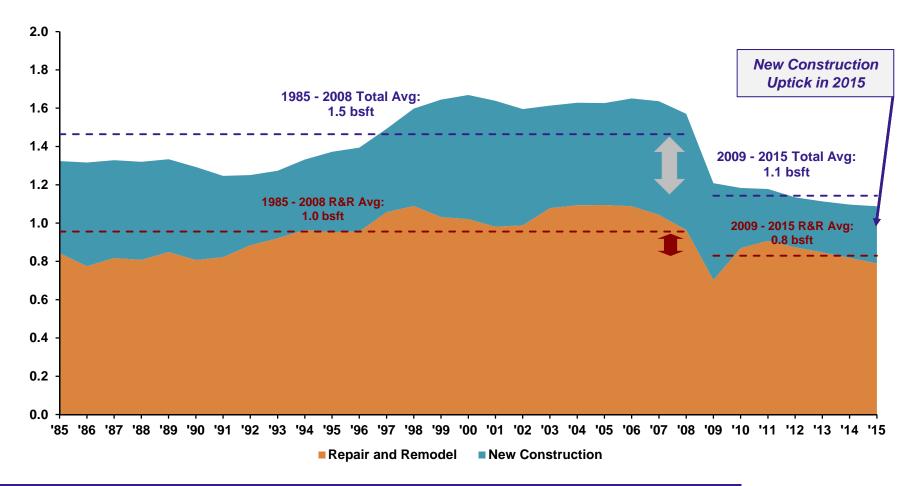
Attractive Multi-Faceted Growth Opportunities





Broader Market Recovery will Drive Substantial Profits

U.S. Commercial Ceiling Market Volumes: New vs. Repair & Remodel



As Market Normalizes toward Long-Term Averages, each 1% of Annual Volume Growth is Worth ~\$20 million of EBITDA by Year 3



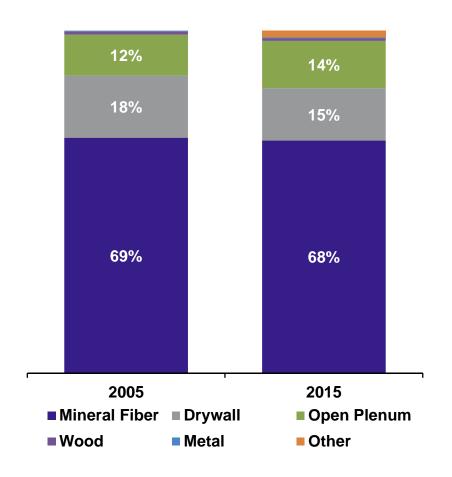






Breakdown of Ceilings by Type, 2005 vs. 2015

Both Mineral Fiber and Specialties Remain Attractive



- Mineral Fiber maintaining large share of overall ceilings market
- Drywall declining as nontraditional ceiling styles and exposed structures expand
- Exposed "open plenum" expanding with "high-tech" look but low acoustics

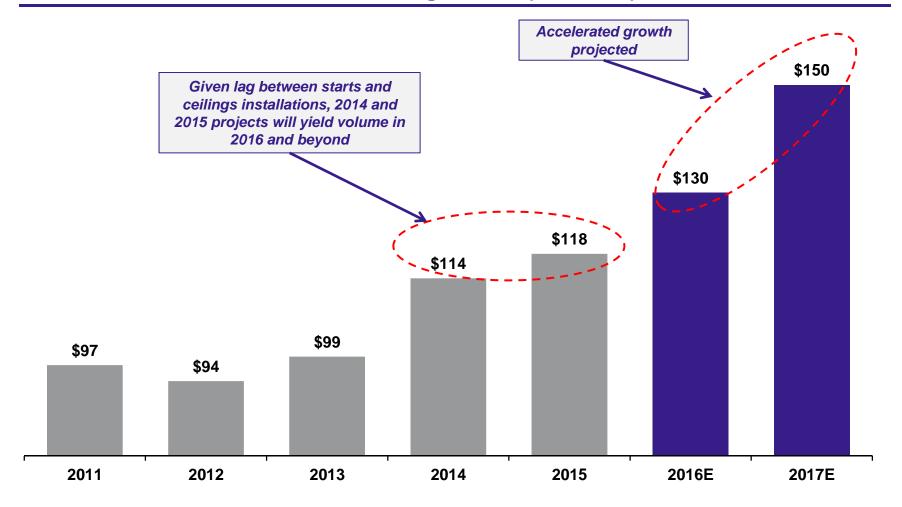


Source: Internal study of ceiling attitude and usage for office buildings Note: Data is for North America only





2011 – 2017 Dodge Starts (\$ billions)⁽¹⁾



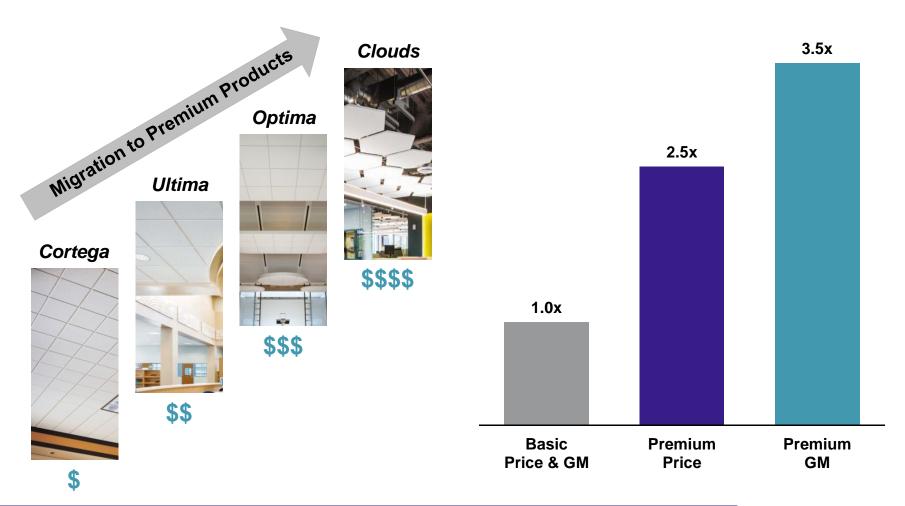


Source: Dodge Data & Analytics Note: Data is for North America market only (1) Includes education, healthcare, office and retail

Actively Driving Core Portfolio to Higher Value Products

Expansive Product Offering

Premium Products More Lucrative

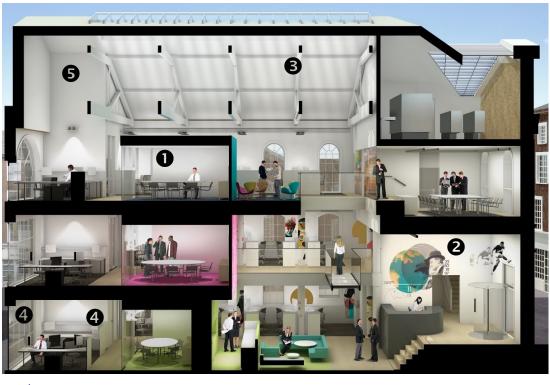


Industry Shaping Innovation Accelerating Growth and Margins

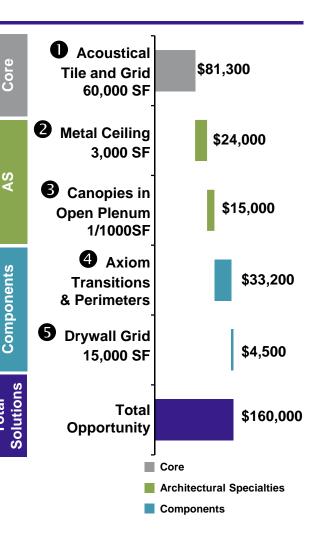


Total Solutions Selling Market Opportunity

Illustrative 100,000 SF Four Story Building



- ✓ Presents opportunity to double project sales
- ✓ Saves contractors as much as 30% in labor
- ✓ Differentiates contractors from their competition







Case Study: Solutions Selling





Conde Nast, One World Tower, NYC, USA (1)



Office Area = Total Revenue \$1.3 million



Sell More Into Every Space

Partners Healthcare, USA



600,000 SF Building Ultima / Optima / Interlude Grid

> Total Revenue = \$1.2 million

Potential Incremental Opportunity



Conference Rooms = \$250K



Elevator Lobbies / Corridors = \$250K

Solutions Won



Additional Solutions (Axiom Trims, Perimeters, MetalWorks) = \$372K

√ Additional Revenue of 38%

✓ Additional Revenue of 31%







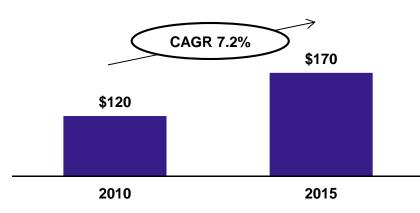
31

Architectural Specialties is a Global Growth Engine

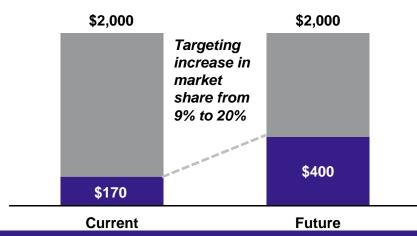
Enlarged Market

Strong Historical Revenue Growth





Substantial Expansion Opportunity



Value Proposition

- Broadest portfolio of on-trend, specialty ceiling solutions in the world
- Global footprint to support global projects
- Leverage existing go-to-market system and advantages to drive expansion
- On large projects, increases bid success rate from 75% to 90% and pulls core products into project
- Custom projects can generate 10x 20x dollar margin contribution

Large Growth Opportunity Through Organic Expansion and M&A









JFK Airport Lounge – Etihad Airways



- Architect Gensler, NY
- Custom anodized brass finish with triangular perforations and light diffusing layer
- Potential of 17 more locations across the world
- \$357 per square foot vs. ~\$1 per square foot overall average
- Driven by our design services capabilities



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Additional Levers to Create Value

Cost **Improvements** Continue to pursue productivity and efficiency improvements

M&A

Add to technology and product capabilities

International

Expect greater contribution from recent investments and initiatives

FCF Deployment

Allocate cash to highest value-added uses







Improved Performance Across Europe and Asia

Overview

- Sales and profits have contracted in EMEA and Asia/Pacific over the past several years
- Business impacted by market demand, political instability, FX and cost inefficiencies
- China and Russia represent ~6% of consolidated sales
- We believe markets will recover and profitability can be restored

Decisive Actions To Drive Improvement

- ✓ Right-sizing SG&A organization and cost structure
- ✓ Idling China plant in response to market conditions
- ✓ Completing France investment in production capabilities to significantly reduce manufacturing costs
- ✓ Leveraging new Russia plant to reduce imports from Continental Europe reduced input costs through localization and lower freight / duties
- ✓ No significant international capital investments planned in the near-term



Agenda

The New AWI

Investment Highlights

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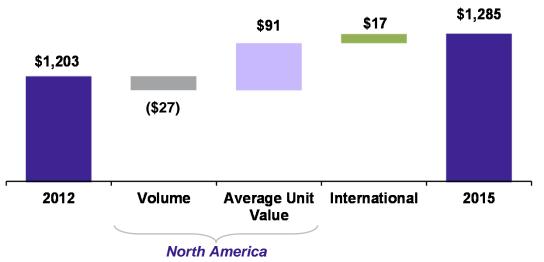


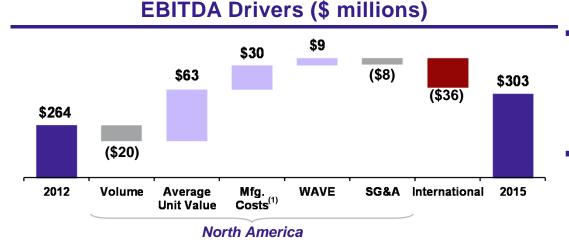




Historical Financial Performance Drivers







Historical Context

- While volume has been modestly down given absence of market recovery, average unit value in North America increased by 15%, driven by shift to premium products
- AUV gains and productivity improvements drove ~\$75 million increase in North America EBITDA
- International profitability contracted due to challenging market conditions and additional capacity
- Recently completed investments position us to take advantage of market recovery



Revenue Growth

5% – 7% annual growth

- 1% 3% North America volume growth
- 2% 4% International volume growth
- 2% 4% average unit value increase
- 1% 2% share growth outside Americas core

Adj. EBITDA Growth and Margins⁽¹⁾

10% – 12% annual growth 25% – 28% margin

- ~60% incremental margin in North American core
- Continue to price over inflation
- Improve International cost structure from growth and productivity enhancements

Adj. EPS Growth⁽²⁾

15% – 20% annual growth

- Declining net debt due to significant cash generation
- Normalized 39% effective tax rate

Free Cash Flow Conversion

50% of Adjusted EBITDA

- Robust EBITDA growth
- Stable level of capital expenditures



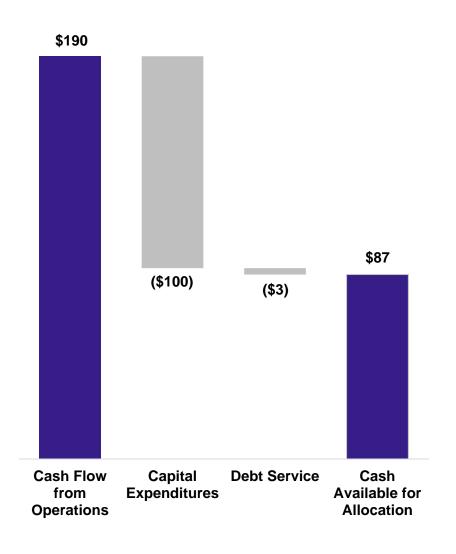
 ⁽¹⁾ Includes pro forma standalone corporate expense of \$42 million; excludes pension costs, separation costs and other extraordinary expenses
 (2) Excludes pension costs, separation costs and other extraordinary expenses; utilizes normalized effective tax rate of 39%

2015 Pro Forma Balance Sheet

Summary Balance Sheet		Capital Structure Highlights		
Assets		New \$1.05 hillion credit facility including		
Cash Current Assets PP&E, Net Intangibles, Net	\$185 290 662 448	 New \$1.05 billion credit facility including \$850 million of term loans maturing in 2021 and 2023 and undrawn revolver of \$200 million 		
Other Assets Total Assets	200 \$1,785	 \$35 million of tax-exempt bonds 		
Liabilities & Equity		BB+/B1 Rating		
Current Liabilities (excluding Debt) Total Debt Pension & Post-Retirement Liabilities Other Liabilities	\$227 885 165 247	■ Net Leverage: 2.3x ⁽¹⁾		
Total Liabilities Shareholders' Equity	\$1,524 261	 U.S. pension will be well-funded on a PBO basis 		
Total Liabilities & Equity	\$1,785	 No cash contributions in over 20 years 		

Capital Allocation

2016E Cash Flow Generation⁽¹⁾



Capital Allocation Philosophy

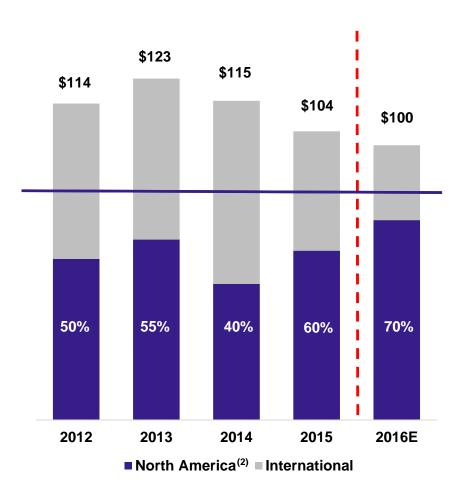
Continue philosophy of seeking high return opportunities

- Growth and Productivity Investments: Investments where we continue to have high return opportunities
- Acquisitions: Synergistic bolt-on acquisitions that leverage our powerful business system and expand market penetration
- Capital Return (Dividends/Share Repurchases):
 - Expect to review capital return policy postseparation
 - Reviews will also evaluate other investment opportunities, taking into consideration the impacts of separation, our strategic plan, market dynamics and economic conditions
 - Require acceptable rates of return consistent with our risk profile
 - Subject to board approval



Capital Expenditures

Capital Expenditures Breakdown⁽¹⁾



Normalized run rate of \$80 million, 1x depreciation

Capital Expenditure Outlook

North America

- Pivoting investments to drive innovation, growth and productivity in most profitable geography
- Investing ~\$20 million annually above normalized \$80 million global run rate over the next three years to strengthen capabilities and add capacity for premium products

International

- Significant capacity additions completed in Russia and China
- Modest incremental investments focused on lowering European production costs to enhance competitiveness in growing premium category



⁽¹⁾ Excludes costs related to separation of Flooring business

2016E Guidance

	2015 Normalized at 2015 FX	2015 Normalized at 2016 FX	2016E Normalized at 2016 FX	 1% – 3% North America volume growth 2% – 4% International volume growth 1% – 3% average unit value increase 		
Revenue ⁽¹⁾	\$1,285	\$1,224	\$1,260 – \$1,310 3% – 7% YoY Growth			
Adjusted EBITDA ⁽²⁾	\$303	\$296	\$310 – \$330 5% – 12% YoY Growth	 \$42 million of standalone corporate costs 1% – 2% cost savings over inflation Increased sales and marketing investments to expand total solutions selling capabilities 		
Adjusted EPS ⁽³⁾	\$2.09	\$2.02	\$2.15 – \$2.32 6% – 15% YoY Growth	 \$30 – \$35 million of interest expense Normalized 39% effective tax rate 57 million average diluted shares outstanding Cash tax rate 35% – 39% 		
Free Cash Flow	\$86 ⁽⁴⁾	\$86 ⁽⁴⁾	\$80 – \$100	 \$190 million cash flow from operations \$100 million of total capital expenditures 		

Note: Dollars in millions except per share values

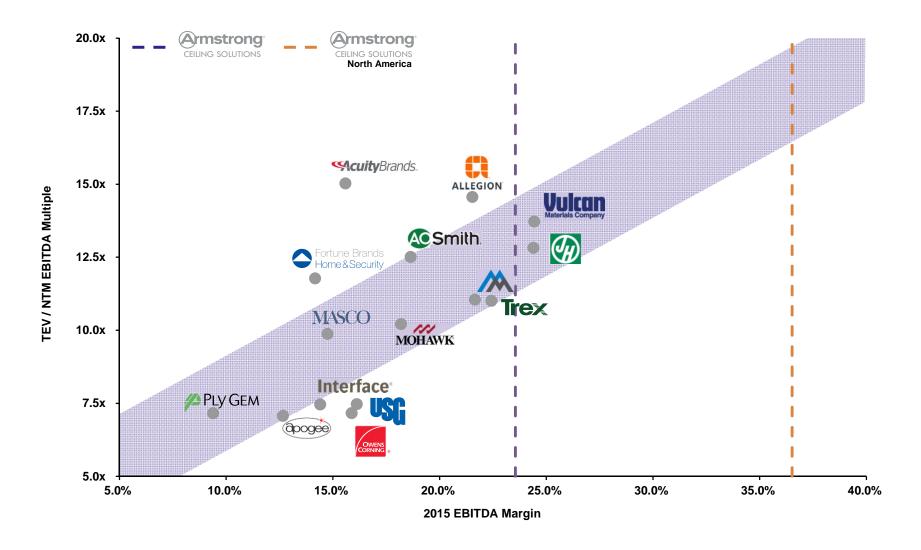
- (1) As-reported revenue of \$1,231 million in 2015. 2016 As-reported will have (3%) (5%) FX headwind
- (2) Includes pro forma standalone corporate expense of \$42 million; excludes pension, separation costs and other extraordinary expenses



⁽³⁾ Excludes pension, separation costs and other extraordinary expenses. As reported earnings per share of \$1.15 - \$1.30 impacted by \$34 million of separation expenses and an as reported effective tax rate of ~60%

⁽⁴⁾ No FX adjustment. Pro forma standalone free cash flow for AWI in 2015, excludes separation costs and other extraordinary expenses

Business Quality, Market Leadership and Margins Drive Valuation

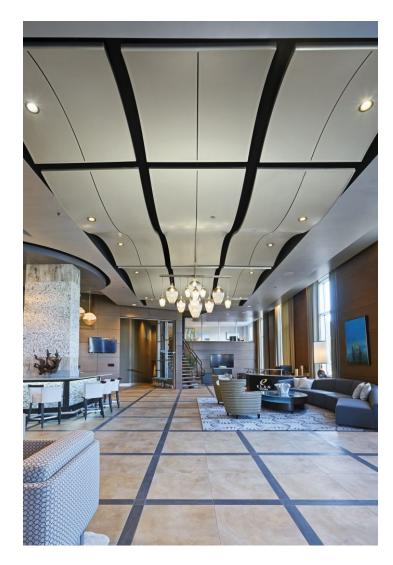


Building Products Valuations Highly Correlated to Performance



Focused on Value Creation

- ✓ Standout market leader in attractive ceilings industry with unmatched profitability and cash flow
- ✓ Accelerating growth trajectory of the business
- ✓ Intense focus on expanding returns on invested capital
- ✓ Management incentive plan aligned to shareholder value creation





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Appendix

Reconciliation of Non-GAAP Financial Measures

Management Biographies









Reconciliation of FY2015 Adj. EBITDA to Reported Operating Income

	2015
Armstrong Building Products Segment Adjusted EBITDA (1)	\$345
Standalone corporate costs, excluding depreciation and amortization	(42)
Pro Forma Standalone Adjusted EBITDA	\$303
Depreciation and amortization (2)	(81)
Pro Forma Operating Income – Adjusted	\$222
Cost reduction initiatives	7
Foreign exchange movements	3
Pro Forma As Reported Operating Income	\$212
Add back standalone corporate costs including depreciation and amortization	53
Operating Income – As Reported ⁽³⁾	\$265



⁽¹⁾ Represents adjusted EBITDA for the segment consistent with Q4 2015 consolidated company disclosures



 ⁽²⁾ Includes \$11 million of depreciation and amortization previously reported within unallocated corporate segment
 (3) Represents as reported operating income for the segment consistent with disclosures in the Company's 2015 10-K

2015 Pro Forma Balance Sheet Reconciliation

	AWI	AFI	Corp	AWI
Assets	10-K	Adj.	Adj.	Pro Forma
Cash	\$245	\$50 ⁽¹⁾	(\$110) ⁽²⁾	\$185
Current Assets	636	(338)	(8)	290
PP&E, Net	1,096	(465)	31	662
Intangibles, Net	490	(38)	(4)	448
Other Assets	225	(6)	(20)	200
Total Assets	\$2,692		,	\$1,785
Liabilities & Equity				
Current Liabilities (excluding Debt)	- \$384	(\$157)	(\$0)	\$227
Total Debt	1,003	-	(118)	885
Pension & Post-Retirement Liabilities	280	(71)	(44)	165
Other Liabilities	256	(7)	(2)	247
Total Liabilities	\$1,923		•	\$1,524
Shareholders' Equity	769			261
Total Liabilities & Equity	\$2,692		,	\$1,785



⁽¹⁾ Assumes \$50 million dividend from AFI

Management Biographies

Victor Grizzle

Chief Executive Officer and President, Armstrong World Industries



Victor "Vic" Grizzle is CEO and President of Armstrong World Industries Inc., in Lancaster, Pennsylvania.

Mr. Grizzle has 26 years of experience in sales, marketing and global business leadership. He comes to Armstrong World Industries from Valmont Industries, a \$2 billion global leader of infrastructure support structures for utility, telecom and lighting markets, and manufacturer of mechanized irrigation equipment for large scale farming, where he was group president of Global Structures, Coatings and Tubing since 2005. Prior to Valmont, Mr. Grizzle was president of the commercial power division of EaglePicher Corporation, a \$700 million diversified manufacturer and marketer of advanced technology and industrial products for space, defense, automotive, filtration, pharmaceutical, environmental and commercial applications. Before that, he spent 16 years at General Electric Corporation with 7 of those living abroad in Singapore, Belgium and Shanghai, China.

Mr. Grizzle graduated from California Polytechnic University with a Bachelor of Science in Mechanical Engineering.

Brian MacNeal

Senior Vice President and Chief Financial Officer, Armstrong World Industries

Mr. MacNeal is Senior Vice President and CFO of Armstrong World Industries Inc., in Lancaster, Pennsylvania.

He began his career with PricewaterhouseCoopers as an auditor and left to join the Campbell Soup Company where he spent the next 20 years in roles of increasing responsibility and leadership. Brian's finance and accounting experience with Campbell's spans multiple assignments, including brand management, manufacturing, marketing and project management. He served as Director of Finance for U.S. Soup; Vice President of Finance and Strategy Emerging Markets as Campbell's entered Russia and China; and Vice President & CFO of Campbell's European business.

Brian graduated cum laude from Villanova University with a bachelor's degree in Accounting and has practiced as a Certified Public Accountant.



Investor Relations Contact Information

Kristy Olshan, Director Investor & Public Relations, Armstrong World Industries



Mrs. Olshan is Director Investor & Public Relations of Armstrong World Industries, Inc., in Lancaster, Pennsylvania.

Mrs. Olshan joined Armstrong World Industries in November of 2008 as External Reporting Manager, moved into Investor Relations in December of 2010 and had public relations responsibilities added in February of 2016.

Prior to Armstrong World Industries, Mrs. Olshan spent over 5 years in public accounting as an auditor and advisor to clients in the construction, engineering, banking, utility, and manufacturing industries with a focus on SEC reporting and Sarbanes-Oxley compliance. Mrs. Olshan is also a Certified Public Accountant and member of the AICPA and NIRI. She previously served on the board as Treasurer of the York Hospital Auxiliary, a Wellspan affiliated non-profit organization.

Mrs. Olshan graduated summa cum laude earning a bachelor of science with dual degrees in Business Administration and Accounting, and an MBA from York College of Pennsylvania.

Kristy Olshan, CPA, MBA Director Investor & Public Relations

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