

Boral Limited

Level 3, 40 Mount Street North Sydney NSW 2060 PO Box 1228 North Sydney NSW 2059

T:+61 (02) 9220 6300 F:+61 (02) 9233 6605

www.boral.com.au

13 September 2016

The Manager, Listings
Australian Securities Exchange
ASX Market Announcements
Exchange Centre
20 Bridge Street
Sydney NSW 2000

Dear Sir

We attach copies of slides on Boral's US operations being presented to members of the investment community in San Antonio on 13 September 2016.

Yours faithfully

Dominic Millgate
Company Secretary



BORAL USA

Investor Day 2016, San Antonio

13 September 2016









BORAL USA INVESTOR DAY 2016

Our Strategic Priorities
Transforming Boral



Our vision is to transform Boral for performance excellence and sustainable growth



Our goals are to deliver:

- World class health and safety outcomes based on Zero Harm
- Returns that exceed the cost of capital through the cycle
- More sustainable growth

Boral Australia¹

- Maintain and strengthen our leading, integrated construction materials position and optimise returns across all businesses
- Benefits from significant pipeline of major roads and infrastructure work

USG Boral

- Organic growth over the medium and long term through:
 - o Innovation
 - Asian economic growth
 - Product penetration for interior linings and related products

Boral USA

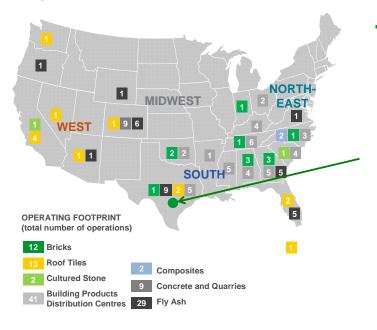
- Growing earnings through cyclical market recovery and new product development
- Disciplined approach to assessing strategically aligned M&A opportunities



2016 US Site Visit – San Antonio, Texas



Texas is a Brick, Fly Ash and Roofing state, where Boral's Fly Ash based R&D work began



San Antonio, Texas

- Head office of Boral's Fly Ash business
- Boral Material Technologies (BMT) R&D centre started in San Antonio, in 1998
- BMT's early R&D work underpins the development of Boral's Fly Ash based composite building products
- Boral's newest research facility, The Boral Discovery Centre, opened in San Antonio in 2016
- Accordingly, today's presentations will cover Boral's US portfolio, with greater emphasis on Fly Ash, Composites (Trim & Siding) and Innovation with an update on Bricks, Stone and Roofing

3

BORAL USA INVESTOR DAY 2016

Boral USA Schedule

Tuesday, September 13



Time	Event	Speaker		
8:30 a.m. – 11:00 a.m.	Presentations	David Mariner, President & CEO, Boral USA US Management Team		
11:15 a.m. – 12:00 p.m.	Lunch			
12:00 p.m. – 12:30 p.m.	Depart to Boral Discovery Center			
12:30 p.m. – 2:00 p.m.	Safety Briefing and Tour	Joel CharltonRussell HillDiscovery Center Team		
2:00 p.m.	Depart			



Boral USA Overview

- Strategic Update
 - US Overview
 - > Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - > Economic and Housing Update
 - Financial Results



Boral USA Team



Boral USA



Dave Mariner President and CEO

Boral Limited



Joel Charlton EGM Innovation

Patrick O'Boyle VP Growth & Performance





Oren Post CFO



Paul Samples President Bricks



Keith Depew President Stone



Chris Fenwick President Roofing



Terry Peterson President Materials



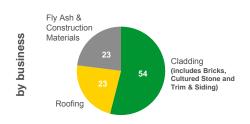
Brian Below President Light Building Products

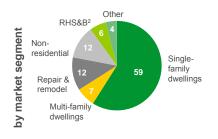
Boral USA has Leading Market Positions and a National Footprint

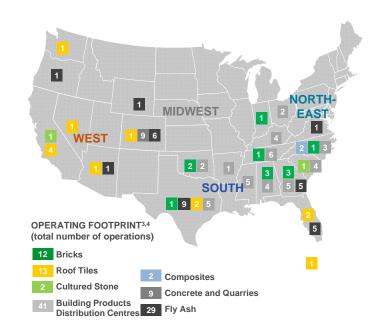


#1 in Brick, Clay Tile, Concrete Tile and Manufactured Stone; #2 in Fly Ash; #3 in Construction Materials in Denver, Colorado

Share of Revenue¹, %







- Based on split of FY2016 external revenue for Boral USA
- Roads, highways, subdivisions and bridges
 SOUTH consists of AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, WV, VA | NORTHEAST consists of CT,
 MA, ME, NH, NJ, NY, PA, RI, VT | MIDWEST consists of IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI | WEST consists of AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, WY. States italicised in green are the states in which Boral operates and are included in Boral's US Revenue chart.

 Does not include Forterra Bricks Assets

7

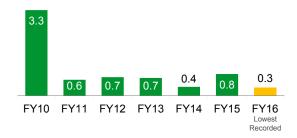
BORAL USA INVESTOR DAY 2016

Zero Harm Safety Culture

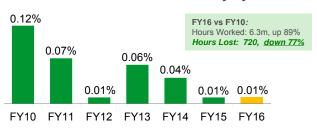
Recordable Incident Frequency Rate down 14% to 5.2 - all-time low for Boral



Employee and Contractor LTIFR¹



% of Total Hours Lost to Injury



Employee and Contractor RIFR²



- Continued focus on risk identification, employee engagement
- FY16 record number of hazard awareness and near miss reports, 19% higher than FY15
- FY16 best year in Boral USA's safety performance
- Goal is ZERO HARM TODAY

Reportable Injury Frequency Rates (per million hours worked)

Lost Time Injury Frequency Rates (per million hours worked)



- Boral USA Overview
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - Economic and Housing Update
 - Financial Results

BORAL USA INVESTOR DAY 2016

Boral USA

Continued progress in all business units



Boral USA



- ✓ Opened new US\$4m Innovation Factory in San Antonio, Texas
- ✓ Added manufacturing line for Boral Versetta Stone[®] in Napa, California
- ✓ US\$6.2m acquisition of roof tile making equipment and distribution yard in Texas
- ☐ Increase manufacturing capacity at Boral TruExterior® Siding and Trim facility in Salisbury, North Carolina
- ☐ Continuing to assess **strategic M&A opportunities**, with a disciplined approach

Cladding



- # 1 in Bricks, Stone, Stucco
- ✓ Announced Bricks Joint Venture
- Designed auto de-molding process, enhancing safety and increasing labor efficiency
- ☐ Generating margin improvement through new product launches
- Lowering reliance on housing and fixed cost manufacturing

Roofing



- #1 in Concrete and Clay Roof Tile
- \checkmark Completed closure and sale of Gilroy, CA facility
- ✓ Moved light weight product line to Stockton, CA
- ✓ Price increasing as demand grows
- Upgrading line in Lake Wales, FL to better serve
- Optimize SG&A positions for increased profitability

Light Building Products



Boral Composites (poly-ash) Trim & Siding,

Versetta® ✓ New Versetta capacity in Napa leading to 10 new

- distribution outlets

 ✓ Added ~150 stocking dealer locations to reach ~650
- total

 ✓ Added 120,000 sq ft warehouse and processing
- facility for Boral Composites

 Implementing accelerated sales plan
- ☐ Growth capital project to double production capacity for composite products

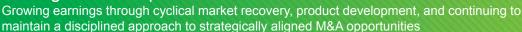
Fly Ash & Materials



#2 in Fly Ash, #3 in Materials (Denver)

- ✓ Completion of Franklin St. ready mix concrete plant
- ✓ Opened new Holton/Morton quarry
- ✓ Opened new sand and gravel aggregate operation in Ft. Lupton, CO
- ☐ Maintaining volumes despite disruptions in energy industry
- ☐ Solid price performance in competitive markets

Strategic Roadmap





Optimize portfolio to maximize profitability

- Continue focus on margin enhancement, i.e. price improvement, operating cost improvements
- Divest non-core construction materials business in Colorado when appropriate
- Drive increased value through recently announced Bricks Joint Venture

Invest in innovation

- Grow capabilities of Innovation Factory
- Deliver new products to market
- Develop new platforms
- Invest in new composite manufacturing technology

Strategically aligned M&A opportunities

- Identify opportunities that align with Boral's portfolio and strategic objectives, including:
 - Ability to diversify Boral's market exposures beyond single family housing
 - Opportunities to leverage emerging trends, targeting products early in life cycle
 - Less capital intensive businesses, with a more flexible, variable cost structure
 - Earnings accretive opportunities

11

BORAL USA INVESTOR DAY 2016

Executing our Strategic Roadmap

Optimizing portfolio through the Bricks JV while leveraging our Innovation Factory to strengthen Light Building Products (LBP)



Bricks Joint Venture

Evolution of LBP from Boral's Fly Ash Heritage









- Delivers cost synergies ramping up to ~US\$25m+ by year 4
 - ✓ Plant network optimisation
 - ✓ Improved utilisation of freight and distribution
 - Streamlined selling, marketing and administration costs
 - ✓ Procurement cost savings





Early R&D focused on ash and concrete



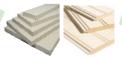






Micron 3

Established state-of-the-art R&D center



Next generation focused on engineered products

Created patent-protected, new to world poly-ash composite technology that established Boral's LBP business



- Boral USA Overview
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - > Economic and Housing Update
 - > Financial Results

BORAL USA INVESTOR DAY 2016

Bricks Joint Venture Overview



- Combined FY2017 annual proforma
 EBITDA of ~US\$25-\$30 million
- 2,639 million SBE (standard brick equivalent) manufacturing capacity
 - 2,291m SBE in current operation
 - 348m SBE mothballed
- 27 clay brick manufacturing operations
 (including 4 mothballed operations)
- (modaling 4 modification operations)
- 2 concrete brick manufacturing operations
 - (including 1 mothballed operation)
- 41 Building Products Distribution Centres
- ~1,380 combined employee base



Transaction Rationale



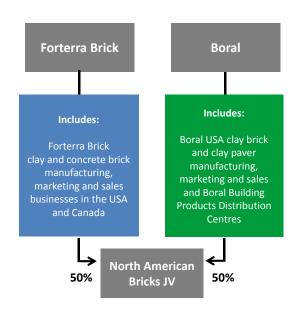
- Create a more efficient and better positioned business to compete in the broader cladding market through the cycle
- Optimise combined manufacturing capacity and leverage distribution network to better serve customers
- Deliver cost synergies, which are expected to be ~US\$25 million+ p.a. by year 4 through:
 - Plant network optimisation
 - Improved utilisation of freight and distribution
 - Streamlined selling, marketing and administration costs
 - Procurement cost savings

15

BORAL USA INVESTOR DAY 2016

Transaction Structure





- Ownership will be 50/50
- Jointly represented Board
- Joint venture to be co-managed by Boral and Forterra
- No upfront cash
- JV is expected to be self funding



- **Boral USA Overview**
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - > Economic and Housing Update
 - Financial Results

BORAL USA INVESTOR DAY 2016

Fly Ash Background



History:

- Romans used volcanic ash in building construction
- In 1937, fly ash used in concrete construction

Production:

- Created in coal-fired power plants
- Fine particles rise with flue gasses
- Particles collected in bag house

Quality and Types:

- · Quality depends on coal source, combustion process
- Two types:
 - Class C self cementing
 - Class F requires activator





Roman Colosseum



Utility





Fly Ash Use Today



One World Trade Center, New York



Burj Khalifa, Dubai

Utilities' Coal Combustion Produces Ash



Utilities



- Coal makes up ~38% of total fuel generation in the U.S.
- Key coal supply regions include Central Appalachia and Wyoming's Powder River Basin
- ~500 power plants using coal
- ~600m tons of coal were used in 2016

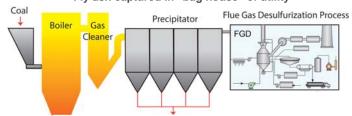
Coal Basins¹



Coal Fired Power Plants¹



Fly ash captured in "bag house" of utility



Fly Ash

Pulverized coal is burned to generate electricity. The fine particles of coal residue "fly up" into the stacks with flue gases and are removed by electrostatic precipitators and fabric filter bag houses.

19

1. Energy Information Administration

BORAL USA INVESTOR DAY 2016

Marketer's Role

Marketers serve two customers: 1) utilities - motivated by low cost electricity production; 2) end user - focused on quality, cost, and availability



Utilities

Utility Marketer Electricity demand Quality material Low cost production Availability Volume / royalties Low capital

- Connect the Supply / freight Utility to End User Average selling price

Marketer **End User** Consistent quality Landed cost

End Users

Royalty implications Consistent supply

- Utilities motivated by production costs and
- Marketers motivated by:
 - Manageable royalties and minimum volumes
 - Supply availability (seasonality)
 - Consistent quality

- End users motivated by:
 - Low landed cost, single sourced supply, consistent quality
- Marketers motivated by:
 - Consistent supply, competitive freight



Marketer's Value

Multiple Applications for Ash

Boral has four key areas for growth; cement / ready mix represents the largest opportunity while engineered products provide significant upside



Applications



Cement and Ready Mix



Asphalt and Mineral Filler



Engineered Products



Site Services and Disposal

Market Opportunity

- Cement and Ready Mix: Cement substitute in ready mix; upside opportunity as cement substitution pushes levels above 17%1
- · Asphalt and Mineral Filler: Applications tied to infrastructure; upside exists by expanding government specifications
- Engineered Products: Downstream filler for products such as Boral Composites; upside includes expanding into new applications and industries leveraging Boral Innovation Factory
- Site Service and Disposal: Service allows marketer to build long term relationship with utility; source specific driven by geography and ash quality

21

BORAL USA INVESTOR DAY 2016

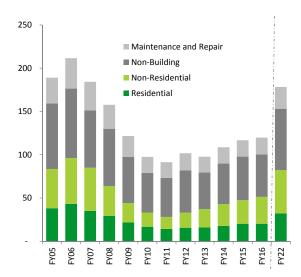
Cementitious Materials¹: Size and Segment

The cementitious market is currently ~120 million tons, and forecast to grow to ~180m tons by FY2022



Market Size²

(millions of tons)



Market Segments

(type)

New Construction



- New Res foundations
- Non-Res foundations, sidewalks
- ~41% of US demand

Infrastructure



- Roads / Highways
- Oil Field
- Soil Stabilization
- ~59% of US demand

Cementitious materials includes cement, fly ash, slag, limestone fines and silica fumes NAHB, Moody's, Dodge, Management Estimates

Average replacement of 17% in ready mix producers who use fly ash; overall industry average is 10%

Cement Demand Drives Fly Ash Opportunity



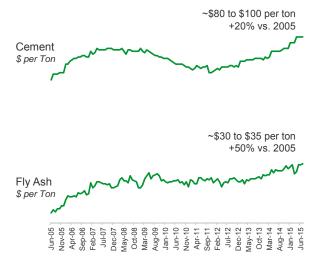


Cement Demand¹

(millions of tons)



Cement and Fly Ash Pricing²



- Portland Cement Association: 2015 Market Intelligence Report
- Estimated industry Fly Ash ASP, Cement ASP: Bureau of Labor Statistics

23

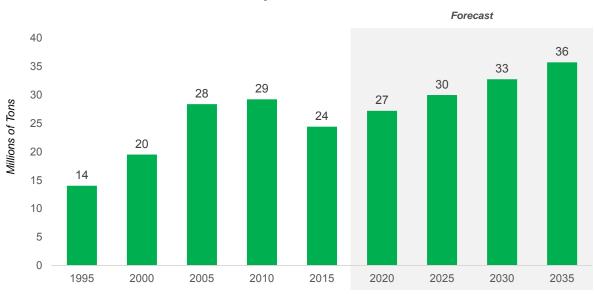
BORAL USA INVESTOR DAY 2016

Fly Ash Demand Continues to Grow

Fly Ash demand expected to grow over the next 20 years driven by cement, ready mix and other beneficial use (fillers)



Fly Ash Demand¹



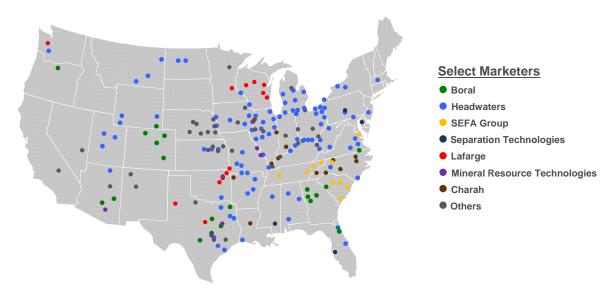
- The American Coal Ash Association: Key Findings 2015 Coal Combustion Products; Demand for all products, including ready mix concrete Increase in production in 2005-2010 driven by concrete oil field demand during last business cycle; decline through 2015 driven by lower construction activity during economic recovery

Landscape of Marketers

Multiple marketers primarily focused in the East and the Midwest



Fly Ash Marketers¹



1. Management estimates as of 2015

25

BORAL USA INVESTOR DAY 2016

Fly Ash: Strategic Intent

Secure existing ash supply, obtain additional supply, and invest in storage; improve returns with continued recovery of construction market



Business Overview:

- #2 national fly ash player, regionally focused in Texas, Georgia, Florida, and Colorado
- Pricing influenced by cement
- Opportunity is in new geographies, expanded supply, expanded storage, distribution, and new product applications



Industry Structure and Business Road Map

Industry Structure and Outlook

Category Size (mid-cycle)

US\$1.2b

Market Exposure

Infrastructure / new construction

- Core market is ready mix / infrastructure
- Business heavily tied to Texas, Georgia, Florida
- Growth potential in new applications

Organic Strategy

- Continue to price competitively with cement
- Pursue effective management and growth of supply
- Leverage high value fillers

Innovation Strategy

Sustainable Development: Product Applications



Bottom ash stockpile – San Antonio



Boral Site

Fly Ash: Business Highlights

Expansion into new uses and engineered applications has improved the business's performance through the cycle



1. Safety

- LTIFR¹ rate from 2.8 in FY15 to zero in FY16
- MTIFR² rate from 8.5 in FY15 to 5.5 in FY16

2. SGA and Business Optimization

- Restructured organization
- Integrated shared services

3. Price and Margin

- ASP increases in last 4 years
- Influenced by cement price increases

4. Innovate for Beneficial Use

- Backing system for carpet / synthetic turf
- Fly Ash Beneficiation Optimization

Products / Services



Cement and Ready Mix



Asphalt and Mineral Filler



Engineered Products



Site Services and Disposal



Highly Reactive Pozzolans



Celceram®

27

- 1. Lost time injury frequency rate per million hours worked
- 2. Medical treatment injury frequency rate per million hours worked

BORAL USA INVESTOR DAY 2016

Fly Ash: Opportunities and Actions

Executing on key initiatives to grow supply, expand applications, and improve margins



Opportunities

- Expand supply / storage
- Expand site service footprint
- New product applications
- Margin improvement initiatives

Actions

- ✓ New supply contracts
- ✓ New storage facilities
- ✓ Expansion into new products / industries
- Price competitively based on market conditions

Ready Mix



Site Services



Storage





- **Boral USA Overview**
- Strategic Update
 - US Overview
 - > Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- **Appendix**
 - > Economic and Housing Update
 - > Financial Results

BORAL USA INVESTOR DAY 2016

Boral's Innovation Evolution





1,200 sq ft Bruanig Lab, adjacent to plant

1998 - 2003 Boral establishes R&D Center in 1998 (Monex)



15,000 sq ft Arion Pkwy Lab

2004 - 2006 Development of fly ash for new markets





30,000 sq ft state-of-the-art Discovery Center

2012 - 2016 Innovation Factory established





Cement and concrete

Ash processing and beneficiation



Ash processing Functional fillers

Multiple filled resin systems



Poly-ash technology created First-of-kind Boral

Composites plant built TruExterior® trim introduced



TruExterior® product extensions

Transformational growth

activities Light building products













Innovation Update

Discovery Center opens; Light Building Products (LBP) makes further progress



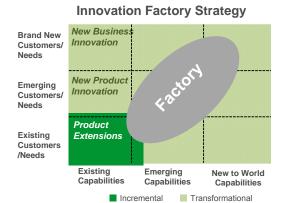
Innovation Factory, San Antonio, Texas







- Discovery Center doors opened February 2016
- LBP continues strong growth
 - Creation of Innovation Factory has significantly increased Boral's patent portfolio
 - USA now has over 100 granted or pending patents



Select Products







Nov 2014 - Skirt Board



Aug 2015 - Bevel

31

BORAL USA INVESTOR DAY 2016

Boral's Poly-Ash Technology Platform Proving its Versatility for Growth





Boral's proprietary Poly-Ash technology continues to open new category opportunities

Boral's Poly-Ash Composites Business Aligning with Market Trends



Products designed to match market trends and align with Boral's growth strategy

	Key Driver	Impact to Customer and Business		
Driven	Performance	 Proprietary technology providing new value proposition Good aesthetics and high durability 		
External Market Driven	Ease of Use	Light weightHandles and works like woodLow labor		
Externa	Sustainable	 High recycle content, reduced embodied energy, and low carbon footprint Durable, low maintenance 		
Internal Business Driven	Geographic Diversity	National appeal and very transportableCustomizableGlobal potential		
	Market Diversity	Opens new channelsDistributed across residential, commercial and R&R		
	Growth Potential	Revenue potentialOpportunity in > \$1b markets		
	Cost	High ROA business modelFlexible manufacturing		



33

BORAL USA INVESTOR DAY 2016

Content



- Boral USA Overview
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - Economic and Housing Update
 - Financial Results

Light Building Products (LBP)

Transformational business with low assets and significant ROFE potential



Light Building Products

- Combination of Boral Composites and Versetta[®]
- Growth platform based on proprietary technology
- High returns through cycle

Current US Portfolio

- High assets, high energy
- High fixed cost platform
- Residential focus
- Mature markets

Boral Composites



Versetta[®]



Light Building Products

- Disruptive, rapid growth technology
- Low asset base, low energy
- Variable cost based manufacturing
- Balanced market segments (repair and remodel and non-residential)
- Significant ROFE potential

35

BORAL USA INVESTOR DAY 2016

Light Building Products: Strategic Intent

Market leader for high performance, innovative, "green" product solutions across new residential construction, light commercial, and repair and remodel segments



Business Overview:

- Market adoption continues to be strong
- National presence with high R&R focus

Manufacturing and Distribution Network

Opportunity to accelerate growth with sales and marketing investment

Industry Structure and Business Road Map

Industry Structure and Outlook

Category Size (mid-cycle)

US\$1.8b

Market Exposures

R&R, new residential and non-residential

- High R&R exposure
- Composites gaining share vs. wood, trend to continue
- Opportunity to extend technologies into new markets and platforms

Organic Strategy

- Continue driving 2 step distributor growth
- Expand into new geographies
- Optimize costs and performance
- New products

Innovation Strategy

Develop new products and categories







Light Building Products: FY2017 Commercial Initiatives

Multi-faceted strategy to increase market awareness



Market Awareness

National Initiatives

- PR and editorial coverage
- News releases
- Print and digital advertising

Channel Initiatives

- Mobile training events
- Katz roadshow global sponsorship
- Dealer buy-in and engagement

Content Marketing Initiative

- Online content library
- Digital marketing assets
- Thought leadership and brand advocacy









37

BORAL USA INVESTOR DAY 2016

Light Building Products: FY2017 Commercial Initiatives (cont.)

New product launches are planned to deliver significant growth in FY2017



Siding and Trim



Trim



Bead Board





Siding Collection



Versetta



Accessories



Skirt Board





Universal Corner



Mission Point



2X Trim



Versetta Stone Panel

Graphite

Light Building Products: Business Highlights

Emerging from start-up mode, LBP is quickly gaining scale and positioned to contribute meaningful earnings to the business over time



1. Safety

5 years without an LTI

2. Sales and Marketing

- Accelerating investment in SGA¹
- Multi-pronged marketing initiative

3. Manufacturing

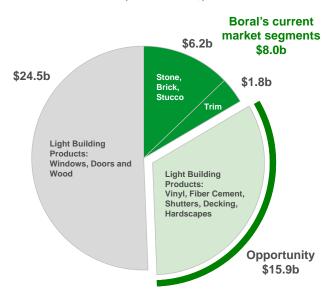
- Operating efficiency improvements
- Investing to double capacity in FY17

4. Products and Technology

- Siding products well received
- New product offerings launching in FY17
- Additional market opportunities available as technology platform expands, e.g. moulding, sheets/substrates, shutters etc.

U.S. Cladding and Other Exterior²

(market size US\$)



39

- 1. Selling, general and administration
- 2. Market analysis, McGraw Hill housing starts, NAHB, management estimates

BORAL USA INVESTOR DAY 2016

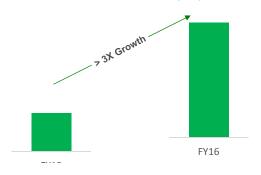
Light Building Products: Opportunities and Actions Executing on key initiatives to aggressively grow scale



Opportunities

- Market adoption to continue rapid growth
- Manufacturing efficiency and cost improvements
- Timing of new manufacturing capacity
- Rapid product development

LBP Revenue Growth (\$m)



Actions

- ✓ Expansion of geographies, channels, segments
- ✓ Accelerated investment in sales and marketing
- ✓ Manufacturing initiatives deliver margin gains
- Opened Boral Composites Finishing Plant in FY16 Q2; Additional Boral Composites capacity coming online FY17 Q3
- ✓ Expanding product portfolio to full exterior wrap

Boral Composites Finishing Plant





- Boral USA Overview
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - > Economic and Housing Update
 - Financial Results

BORAL USA INVESTOR DAY 2016

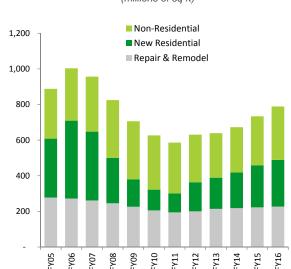
Stone: Size and Segment

Stone market is currently ~789m sq ft, includes natural and manufactured stone.

Non-residential accounts for ~38% of the industry and is more stable through the cycle



Market Size¹
(millions of sq ft)



Market Segments

(type)

New Residential



- Tiered categories: premium, midgrade, and economy
- Big builders driving trend
- High cyclical market segment

Non-Residential



- Exterior accents
- Interior accents
- Low cyclical market segment

Repair & Remodel



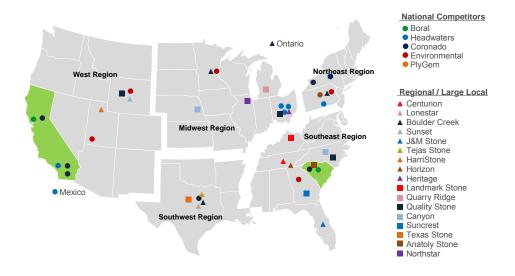
- Positive outdoor living market trend
- Perpetual interior refresh / remodel cycle
- Exterior accents

Stone: Segment Leader in Manufactured Stone Veneer

East and West variable manufacturing capacity allows for flexing production based on demand



Stone Veneer Manufacturers



43

BORAL USA INVESTOR DAY 2016

Stone: Strategic Intent

Manufactured stone veneer leader across residential new construction, light commercial, and repair and remodel segments



Business Overview:

- Leading brand manufactured stone veneer
- Diversified segment including new construction, interior/exterior, and repair and remodel
- Geographic exposure US and Canada
- Opportunity in optimizing network, expanding sales offering (good, better, best), product development, innovation



Non-residential, multi-family, repair and remodel

Industry Structure and Business Road Map

Industry Structure and Outlook

Category Size (mid-cycle)

US\$2.3b¹
New residential, Non-residential and R&R

Market Exposures

US and Canada

- Regional competition
- Regionalized product preferences
- Expanding market

Organic Strategy

- Execute Better/Best
- Resale and accessory growth
- Continue new brand penetration
- Innovative product development

Innovation Strategy

Sustainable development: process improvement



2015 Designer Cultured Stone Collection

Stone: Business Highlights

Innovative manufacturing solutions and execution of sales and marketing initiatives have contributed to significant year-over-year earnings improvement



1. Safety

 LTIFR¹ between zero and 0.8 for 5 years running

2. SGA and Business Optimization

- Sales optimization and efficiency
- E-Business, Web, Marketing

3. Manufacturing Optimization

- Increased operational performance
- Low cost automation

4. Price, Margin, and Resale

- 3 years of price improvement in competitive environment
- Continued gross margin improvement

Product Line Expansion









45

BORAL USA INVESTOR DAY 2016

Stone: Opportunities and Actions

Executing on short and medium term growth strategy driving margin improvement



Opportunities

- Continued focus on Zero Harm Today
- Optimized production ramp-up
- Margin focus
- Grow interior market space
- Accelerate growth

Actions

- ✓ Safety strategy execution
- ✓ Flexible operations and fixed cost optimization
- ✓ Product development innovation
- ✓ Marketing excellence
- Accessory expansion

Black Rundle Pro-Fit® Alpine Ledgestone



Carbon - Pro-Fit® Modera™ Ledgestone



Drain-N-Dry Lath



^{1.} Lost time injury frequency rate per million hours worked



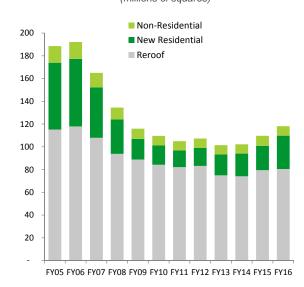
- **Boral USA Overview**
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - > Economic and Housing Update
 - Financial Results

BORAL USA INVESTOR DAY 2016

Roofing: Size and Segment
The pitched roof market is currently ~118 million squares; the size, stability, and profitability of the Reroof market is desirable



Market Size¹ (millions of squares)



Market Segments

(type)

New Residential



- ~1.5 million roofs / year
- Cyclical driven
- Production builder
- Lower price / margin
- Less complicated sale

Reroof



- 3.8 million roofs / year
- Stable and growing ~120 million homes
- Re-roofer
- Higher price / margin
- Complicated sale

Roofing: Market Leader in Concrete and Clay Tile

Over the past 8 years, a significant housing downturn has negatively impacted the Roof Tile Industry; Boral's performance will improve as the housing market recovers



Roof Tile Manufacturers



49

BORAL USA INVESTOR DAY 2016

Roofing: Strategic Intent

Provide full offering of high-end pitched roof solutions that will enable Boral to grow and diversify into new geographies and market segments



Business Overview:

- Market leader in roof tile, but only 1% to 2% of total North America roofing
- Heavily tied to four states and new construction (production builders)
- Opportunity in new geographies, products, and market segments



Industry Structure and Business Road Map

Industry Structure and Outlook

Category Size (mid-cycle)

US\$0.8b New residential

Market Exposures

- Growth tied to national builders
- CA, FL, AZ, NV significant upside in housing starts

Organic Strategy

- Update manufacturing with automation
- Geographic expansion and total roof system
- Continued accessories growth

Further conversion of Asphalt

Innovation Strategy

Sustainable Development: Process improvement







Pitched Roof Solutions

50

Roofing: Business Highlights

At similar activity levels and significantly below long-term average demand; Boral Roofing has substantially improved earnings since pre-acquisition



1. Safety

- LTIFR¹ rate of zero for 5 years running
- MTIFR² rate from 5.5 in FY15 to 3.3 in FY16

2. SGA and Business Optimization

- Restructured organization
- E-Business, customer service, HR, etc.

3. Manufacturing Optimization

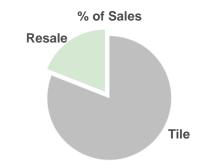
- 17 to 9 plants, volume maintained
- Operating efficiency improvements

4. Price, Margin and Resale

- ASP increases in last 4 years in strong competitive environment
- Resale 3x in last 5 years

Product Line Sales





51

- 1. Lost time injury frequency rate per million hours worked
- 2. Medical treatment injury frequency rate per million hours worked

BORAL USA INVESTOR DAY 2016

Roofing: Opportunities and Actions

Executing on key initiatives to increase profit margin and share of roof



Opportunities

- Growth of new residential in core markets
- On boarding new hires injury free
- Managing ramp-up in utilization
- Margin improvement initiatives

Actions

- ✓ Fewer hours lost to injury
- ✓ Market and product line expansion
- ✓ Increased roof component sales
- ✓ Manufacturing network optimization
- ✓ Overhead cost improvements

Pitched Roof Solutions



Gilroy to Stockton Conversion



Hand Stacking Tile



Boral USA – Well positioned for growth



- 1 Strong management team, track record
- Leading market positions with national footprint
- 3 Fundamentals signal healthy market growth over next 5+ years
- 4 Delivering results from investment in innovation
- Continuing to assess strategic M&A opportunities with a disciplined approach

53

BORAL USA INVESTOR DAY 2016

Content



- Boral USA Overview
- Strategic Update
 - US Overview
 - > Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - > Stone, Roofing
- Appendix
 - > Economic & Housing Update
 - Financial Results

Economic and Housing Summary



Growth is steady, and there are strong indicators that it will continue **Economic Outlook** Labor markets are tight Consumer wages, buying power increasing 2 Affordability is high Housing Market is undersupplied **Fundamentals** Single family homes needed to meet demand 3 Demand outpacing supply **Demographics** Millennials need starter homes in short term Baby boomers need next home in long term

SUPPORTS

- ✓ Sustainable recovery
- ✓ Recovery supported by:
 - ✓ Economy
 - ✓ Affordability
 - Housing supply and demand
 - ✓ Demographics
- No indication of a pause or change to shape of recovery
- Ample room for continued growth

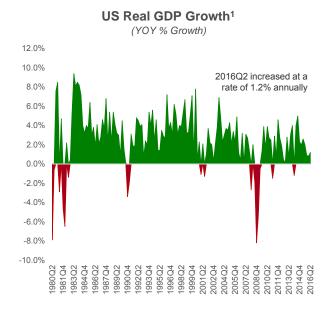
55

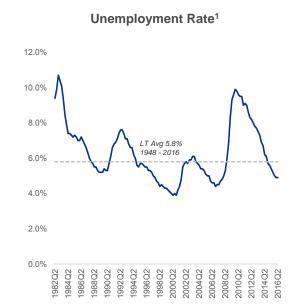
BORAL USA INVESTOR DAY 2016

1. GDP Growing and Wages Rising

Growing economy and high employment are starting to drive real wage growth







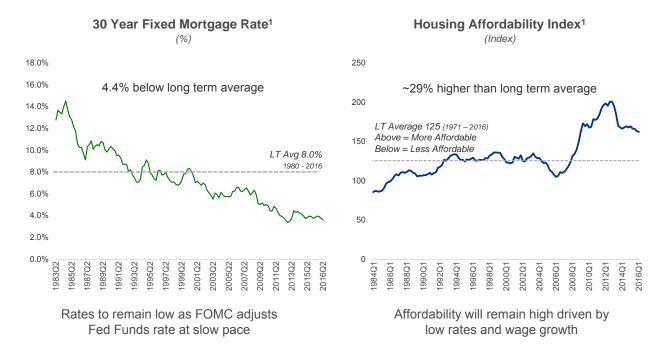
Growing economy coupled with steady job growth should drive higher wage growth and household formations

56

2. Affordability Near All Time High

Affordability remains high, low rates have driven demand and pricing upwards





1. Sources: Moody's Analytics, National Association of Realtors

57

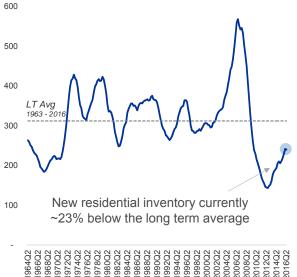
BORAL USA INVESTOR DAY 2016

2. and 3. Demand Outpacing Supply

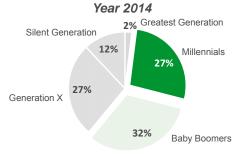
Housing stock undersupplied as demand continues to rise driven by millennials and baby boomers

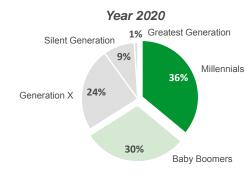






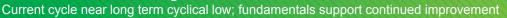
% of Adult Population^{1,2}





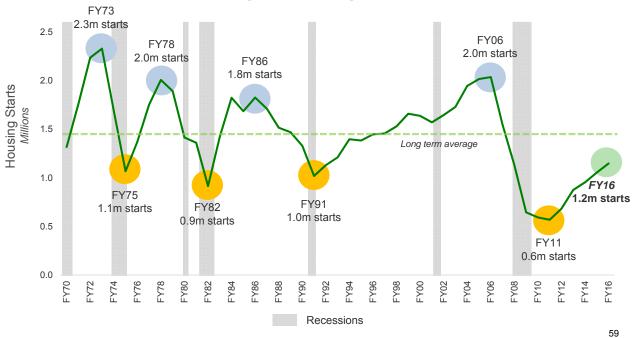
Sources: US Census, Harvard Joint Center for Housing studies, Pew Research Center Millennials born in: 1981-1997; Generation X: 1965-1980; Baby Boomers: 1946-1964; Silent Generation: 1928-1945; Greatest Generation: before 1928

Historic Total Housing Starts









1. Sources: Census Bureau

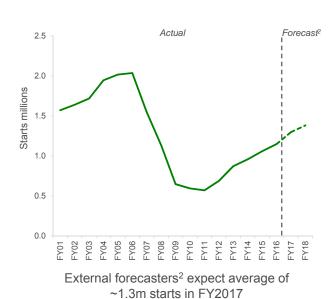
BORAL USA INVESTOR DAY 2016

Market Outlook

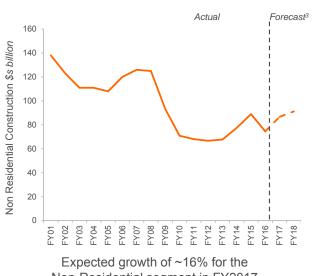
Residential and non-residential momentum to continue in FY2017; strong growth forecast in both markets through next 3 to 5 years



New Residential Starts¹



Non Residential Activity³



Non-Residential segment in FY2017

Historical Housing Starts: Census Bureau

Residential Forecast: Average of NAHB, MBA, Dodge, Wells Fargo, NAR, Fannie Mae and Freddie Mac Non Residential Activity: McGraw Hill / Dodge – 1992 Value



- **Boral USA Overview**
- Strategic Update
 - US Overview
 - Bricks Joint Venture
 - > Fly Ash, Innovation, Light Building Products
 - Stone, Roofing
- Appendix
 - Economic & Housing Update
 - > Financial Results

BORAL USA INVESTOR DAY 2016

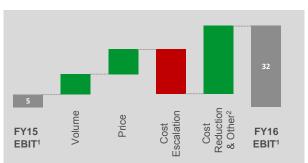
FY2016 Financial Results

Strong profit growth; continuing to benefit from market recovery

	BORAL	®
16		

US\$m	FY16	FY15	Variance
Revenue	751	695	8%
EBITDA ¹	68	42	63%
EBIT ¹	32	5	
EBIT ROS, %	4.2	0.7	
Net Assets	659	634	
ROFE ¹ , %	4.9	0.8	

EBIT Variance (US\$m)



Excluding significant items; ROFE may differ slightly in AUD and USD due to FX conversion Cost reduction & other includes production volume leverage and one-off land sale

- Roofing: volumes up 11% with higher growth in traditional Tile States; average prices steady
- as strength in Denver construction market

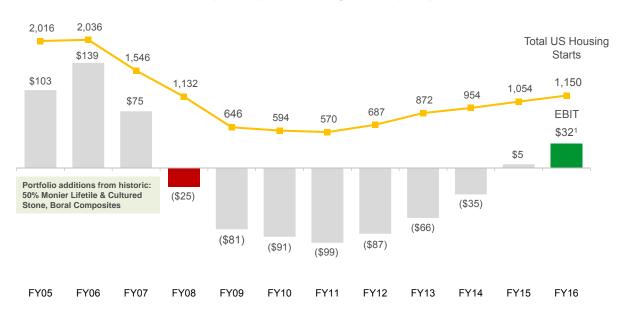
- Revenue **EBIT \$32**m **1** from US\$5m \$751_m ↑8%
- US\$ revenue up 8% to US\$751m; continuing to benefit from increased housing construction
- EBIT of US\$32m, up US\$27m, due to volume and price growth and one-off land sale of US\$7m
- Cladding revenue up 8% to US\$405m
 - Bricks: revenue up supported by re-sale product revenue growth; volumes up 4%, average prices up 1%
 - Cultured Stone: volumes up 7%, average prices up 2%
 - Trim & Siding: volume and price growth; manufacturing and marketing accelerated; targeting break-even in FY2017
- Fly Ash & Construction Materials: pricing gains as well
 - 62

EBIT and Housing Starts

Positive results at lower level of housing starts



EBIT (US\$m) vs Housing Starts ('000)



1. Includes one-off \$7m land sale

63

BORAL USA INVESTOR DAY 2016

FY2016 Performance Drivers

Improvement driven by higher volumes, price growth, and cost and asset management



	Total Starts¹	Single Family Starts ¹	Volume	Price	Revenue	EBIT	Utilization
Bricks	Up 4%	Up 6%	1	•	†	•	Up to 55%
Stone	Up 9%	Up 13%	•	•	•	•	Up to 40%
Roofing	Up 9%	Up 16%	•	•	•	•	Up to 31%
Composites	-	-	•	•	•	•	-
Materials ²	-	-	•	•	•	•	-
Fly Ash	-	-	•	•		•	-

Brick States: Texas, Oklahoma, Arkansas, Lousisanna, Kentucky, Tennessee, Mississippi, Alabama, Georgia, South Carolina, North Carolina (Source: Dodge) Stone: Total United States starts (Source: Census) Tile States: California, Nevada, Arizona, Florida (Source: Dodge)
Volume and ASP are concrete only



FY2017 Outlook for Boral USA:

- Expect further growth in EBIT on the back of increased housing activity
- If market improvement trajectory of past three years of ~10% continues, expect ~1.26m housing starts in FY2017
- Continued growth of Boral's Light Building Products

65

BORAL USA INVESTOR DAY 2016

Disclaimer



The material contained in this document is a presentation of information about the Group's activities current at the date of the presentation, 13 September 2016. It is provided in summary form and does not purport to be complete. It should be read in conjunction with the Group's periodic reporting and other announcements lodged with the Australian Securities Exchange (ASX).

To the extent that this document may contain forward-looking statements, such statements are not guarantees or predictions of future performance, and involve known and unknown risks, uncertainties and other factors, many of which are beyond our control, and which may cause actual results to differ materially from those expressed in the statements contained in this release.

This document is not intended to be relied upon as advice to investors or potential investors and does not take into account the investment objectives, financial situation or needs of any particular investor.