

BORAL USA

Analyst and Investor Site Tour

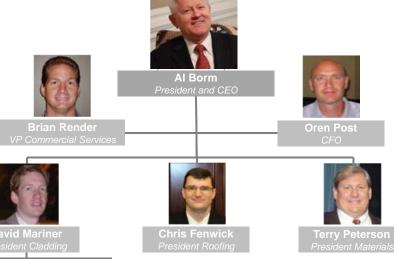
16 & 17 September 2013



BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Boral USA Team











Boral USA Presentation Agenda



Time	Presentation	Speaker
8.00 - 9:00am	Boral USA Overview	Al Borm, President & CEO Boral Industries
	Economic & Housing Update	
	Strategic Priorities	
9:00 - 9:30am	Commercial Services & Innovation	Brian Render, VP Commercial Services
		Joel Charlton, EGM Innovation
9:30 - 9:45am	Morning tea break	
9:45 - 10:15am	Boral Cladding ¹	David Mariner, President Boral Cladding
10:15 - 10:45am	Boral Roofing	Chris Fenwick, President Boral Roofing
10:45 - 11:15am	Boral Materials ²	Terry Peterson, President Boral Materials
11:15 - 11:30am	Outlook	Al Borm, President & CEO Boral Industries

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Boral Building Something Great Creating Sustainable Solutions for the Building Industry



One Boral ... "Our Journey"



Boral Cladding group of companies consists of Boral Bricks Inc, Boral Stone Products LLC, Boral Composites Inc.
Boral Materials group of companies consists of Boral Material Technologies LLC, BCM Oklahoma LLC, Ready Mixed Concrete Company and Affiliates

Content



Boral USA Overview

- **Economic & Housing Update**
- Strategic Priorities
- Commercial Services & Innovation
- **Boral Cladding**
- **Boral Roofing**
- **Boral Materials**
- Outlook

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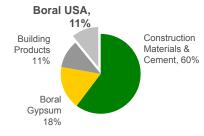
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Boral USA is currently the smallest divisions

in revenue but has the most significant earnings improvement potential

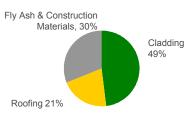


Boral revenue by division – FY2013



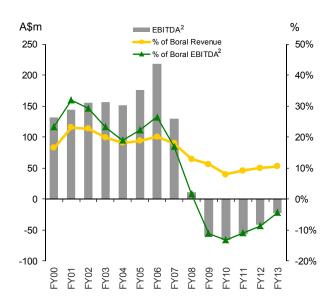
Total = A5,209m^1$

Boral USA revenue - FY2013



Total = A\$555m

Boral USA contribution to Boral Revenue and EBITDA²

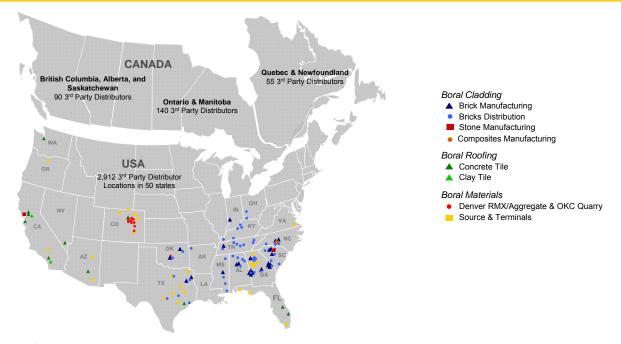


For Boral continuing operations only Excluding significant items. EBITDA before significant items is a non-IFRS measure reported to provide greater understanding of the group's underlying business performance. Full details of significant items are contained in Note 4 of the Financial Statements.

Boral USA has leading market positions & an expansive footprint



#1 in Brick, Clay Tile, Concrete Tile, and Stone Veneer, & #2 in Fly Ash in the USA #3 in Construction Materials in Denver, Colorado



Our distribution business, Boral Building Products, complements our leading bricks, concrete and clay tile, and manufactured stone veneer positions with 43 sales centers in 11 states

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Boral USA: Journey Snapshot

The business has transformed through acquisitions, rationalisation and restructuring following a dramatic cyclical downturn in US residential activity



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	FY2005	FY2009	FY2013
US housing starts ('000)	2,016	646	877
Revenue	US\$611m	US\$406m	US\$569m
EBITDA margin ¹	22%	(11%)	(4%)
Product portfolio	Brick Brick Accessories Pavers Roof Tile Fly Ash	Added since FY04 Construction Materials	Added since FY09 50% MonierLifetile 50% Cultured Stone Trim Roof Components Stucco
Brick capacity	1.7b SBE ²	1.9b SBE ²	1.3b SBE ^{2,3}
Roofing capacity	7.0m squares	7.2m squares ⁴	7.0m squares
Employees	2,679	1,511	2,233
Revenue by business	20%	42%	30% 49%
 ■ Boral Cladding ■ Boral Roofing⁵ ■ Boral Materials 	22%5	13%5	21%

EBITDA excludes significant items

Standard brick equivalents
Includes a mothballed clay paver plant
Roofing capacity peaked in FY2007 at 7.7m squares

MonierLifetile and Trinidad JV were equity accounted - Boral's share of revenue did not appear as revenue in the consolidated accounts but is included in the chart

Growth has been focused on Cladding & Roofing

Where Boral has leading market positions



Jul-10: MonierLifetile - Leader in Concrete Tile

- Acquired for US\$75m in July 2010
- Merged with US Tile (clay) business
- · Rebranded to Boral Roofing
- · Achieved +\$5m in year 1 synergies
- · Created roof component (resale) business



Nov-11: TruExterior Trim - Leader in Trim Innovation

- · Plant Commissioned in Salisbury, North Carolina
- Poly-ash trim product using ~70% recycled materials
- High level of workability with low maintenance
- Further expands Boral into the repair & remodel segment



Dec-10: Cultured Stone® – Leader in Manufactured Stone

- Acquired 50% for US\$45m in December 2010
- Rebranded to Boral Stone
- · Achieved +\$3m in year 1 synergies
- Residential, commercial, repair and remodel focus
- 5 Year Automation plan to reduce headcount



Jun-13: Oklahoma City Ready-mix

- Divested in June 2013
- · Construction Materials business identified as non-core
- · Oklahoma Quarry still operational but being marketed

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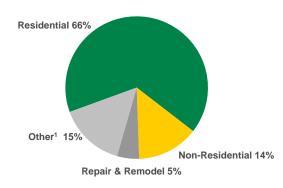
End-market Exposure

is largely to the US residential market



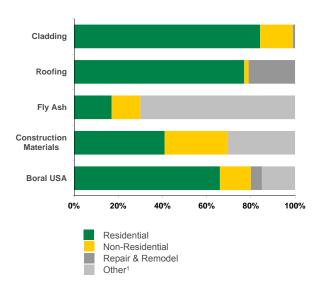
FY2013 USA Revenue

Estimated exposure by market segment



FY2013 Revenue

Estimated exposure by market segment



^{1.} Other includes fly ash non construction markets and roads, bridges, and highways construction

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Economic & Housing Update



- Fundamental economic indicators stabilising and improving
 - 2.0% average quarterly growth since 3Q 2009
 - Aug-13 unemployment rate of 7.3% vs. Oct-09 peak of 10.0%
 - Consumer confidence at six year high
- Housing fundamentals supporting increased new construction
 - New home stock 38% below 10 year average
 - Home prices improving
 - Foreclosure activity down 61% from peak in March 2010
- Residential market recovery led by Big Builder construction and smaller starter homes
- % of single vs. multi-family starts below historic average but moving towards historic norms
- US non-residential segment remains sluggish but recovering over next 18 months

2.0% Average Quarterly Growth since 3Q 2009

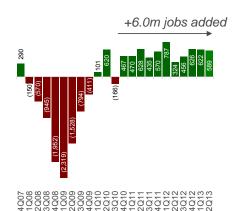
Economic Update

Trending positively with confidence higher, job creation continuing, and unemployment lowering





8%



Job Creation²

Confidence³



August 2013 unemployment rate of 7.3% vs. October 2009 peak of 10.0%

US Bureau of Economic Analysis: National GDP US Bureau of Labor Statistics: Unemployment Rate Reuters/University of Michigan Surveys of Consumers

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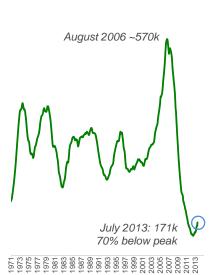
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Housing Fundamentals

New home stock at historic lows, prices stabilizing, and foreclosures slowing

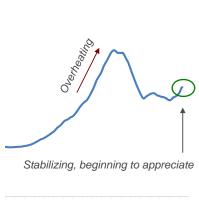


New Home Stock¹ (000s)



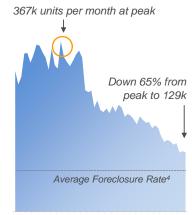
National Home Pricing²

Home Price Index Composite of Top 20 Cities



Foreclosure Activity³

Units Entering Foreclosure (000s)



\(\bar{b}\) \(\bar

- US Census Bureau, National Association of Homebuilders
- S&P/Case-Shiller® Home Price Index
- Average foreclosure rate at 98k from 1995 2006

US Housing Snapshot









US Census Bureau: Seasonally adjusted annualized housing starts Grey bars indicate recession

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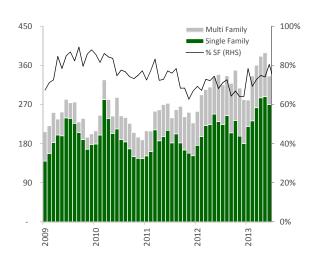
Boral Brick and Tile State Housing Starts

Brick States housing starts improved by 20% & Roof Tile States increase 35% in FY2013



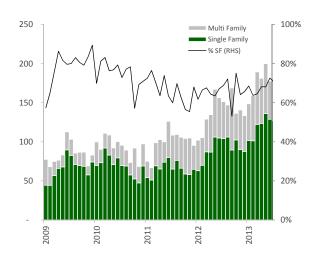
Brick States Housing Starts¹

Units 000s



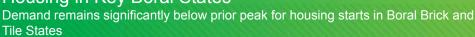
Tile States Housing Starts²

Units 000s



Boral Brick States (Dodge): Alabama, Arkansas, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas Boral Tile States (Dodge): Arizona, California, Florida, Nevada

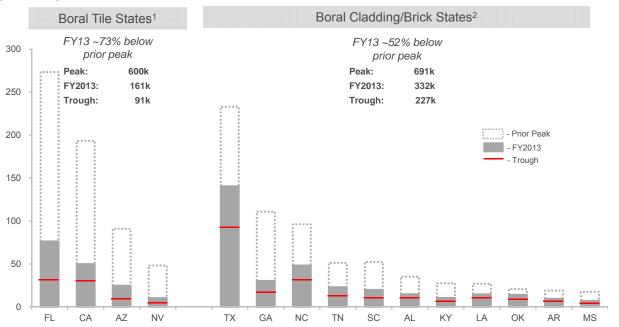
Housing in Key Boral States





Housing Starts

(000's Units)



- Boral Tile States (Dodge): Arizona (AZ), California (CA), Florida (FL), Nevada (NV)
 Boral Brick States (Dodge): Alabama (AL), Arkansas (AR), Georgia (GA), Kentucky (KY), Louisiana (LA), Mississippi (MS), North Carolina (NC), Oklahoma (OK), South Carolina (SC), Tennessee (TN), Texas (TX)

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Cladding & Roofing Industry Intensity Drivers



Cladding & Roofing Intensity Drivers

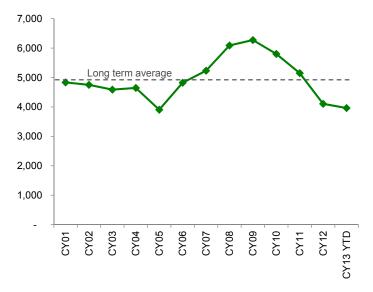
- 1. Segment Mix % Residential vs. Non-residential
- 2. Geography of Start Starts in given Brick or Tile states as % of total starts
- 3. Type of Start Single family vs. Multi-family starts
- 4. Builder Mix National vs. Custom vs. Regional builders
- 5. Builder Practices Value engineering, e.g. less expensive homes being built in cycle trough

US Brick Industry intensity is near historic low



US brick industry intensity¹

SBE2 per residential start



Total US Brick Shipments (Brick Industry Association) divided by Total US Housing Starts (Census) Standard brick equivalent

- Current brick intensity at ~4,000 SBE²/ start compared to long term average of 4,900 SBE/start
- Recent decline in brick intensity reflects:
 - lower proportion of single family starts vs. multi-family starts; single family starts accounted for 71% of total starts in FY2013 vs. 10 year average
 - growth of low cost production home builders that typically use less bricks per start
 - lower non-residential demand
- Will look to 2H FY2014 to determine if shift in intensity returns; requires:
 - return to more typical mix of singleand multi-family starts
 - Strengthening in mid to premium end of new housing construction
 - Recovery in non-residential sector

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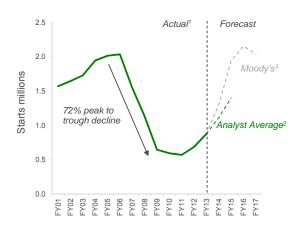
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Market Outlook

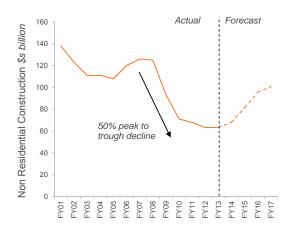
Residential segment momentum to continue and non-residential entering recovery in FY2014 Both markets forecasted for significant growth through next 3 to 5 years



New Residential Starts¹



Non Residential Activity⁴



Analyst Average forecasting US starts at ~1.1m in FY2014, a ~27% increase from FY2013. Expected growth of ~7% for the Non-Residential segment however weighted toward 2H FY2014

Historical Residential Starts: Census Bureau

Residential Forecast: Average of NAHB, MBA, Dodge, Wells Fargo, NAR, Fannie Mae, Freddie Mac Moody's (Mark Zandi): Base Case Forecast
Non Residential Activity: McGraw Hill / Dodge – 1992 Value

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Strategic Priorities

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Boral USA: Our Vision

To be a +US\$2.0 billion leading materials supplier for the US\$33 billion exterior envelope market including roofing, cladding, and other exterior building products and materials

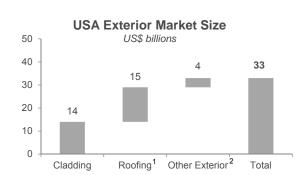


Historic (pre 2010)

- 1. Brick
- **Brick Accessories**
- 3. Pavers
- 4. Roof Tile
- 5. Fly Ash
- 6. Materials

New Additions (2010/12)

- 1. Stone
- Trim
- 3. Roof Components
- 4. Stucco





Roofing: US\$12b for Roofing, US\$3b for components Other: Trim, Accessories

Boral USA Strategic Focus

Our current focus is on fixing the business



FIX

EXECUTE

TRANSFORM

- Leverage recovering product intensity
- Diversify growth in residential multi-family, commercial, and repair & remodel segments
- Continue cost improvement initiatives
- Focused price initiatives

- Deliver acceptable ROFE
- Excellence in safety
- Boral Production System (LEAN)
- Sales & Marketing Excellence
- Increase R&D investment
- Develop people

 Building Products and Materials supplier to a solutions provider for the construction industry; using innovation and technology

2 years

4 years

6+ years

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Deliver for the future



Today

Envelope Identified

Acquisitions / Disposals **Tomorrow**

Residential Heavy

New Products Focused Sales & Marketing

Well Balanced Segmentation (Size and Mix of Pie)

Reconfigured Portfolio

High Fixed Cost Platform

New Technology Bolt On Businesses Capital Management

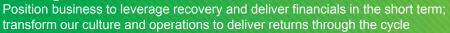
Variable Based Manufacturing

High Carbon Footprint

Trim, Versetta, LEAN

Low Embodied Energy, Sustainable Products

Strategic Priorities





- World best practices in safety performance
- Breakthrough to profitability in 2H FY2014 as housing recovery continues to benefit volume
- Prepare for and maximize recovery in new residential
- Drive diversified growth into commercial and repair & remodel segments. Launch new and innovative products, processes, and services to target new markets, customers, and channels
- Use levers of change to deliver on strategic priorities



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1 – World Best Practice Safety Performance

Four tiered approach to eliminate at-risk behaviors. Focus on "Leading Indicators," identifying and addressing patterns of risky behavior to achieve Zero-Harm

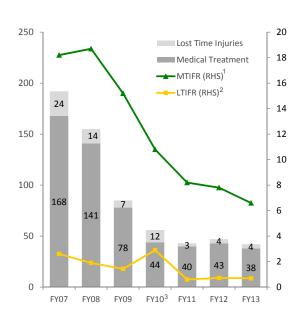


Four Tiered Approach:

- Behavioral-Based Safety: BAPP, DuPont STOP™, Driver
- Boral Production Systems: Work standardization, visual management, exposure elimination
- Analytics and Tools: Cell phone app, SAP, IHS Compliance Suite, DataPro™, Cell Control
- Reporting: Forward looking, visual, communicated to all levels



Safety Performance - Boral USA



Medical Treatment Injury Frequency Rate Lost Time Injury Frequency Rate Includes addition of Cultured Stone

2 - Breakthrough to profitability in 2H FY2014

Focus on share & price, cost and cash management, will allow us to effectively leverage the US residential recovery and return to profitability



Price & Share Management

- · Effective pricing by customer tier
- Market share management
- Manage capacity

Cost Management

- Boral Production System (LEAN)
- Cost reductions at plants, distribution, and SG&A
- Effective procurement
- Plant rationalization / re-configuration of management

Cash & Capital Management

- Optimise working capital
- Improve inventory management
- Effective stay in business capital investments
- Divest permanently closed facilities

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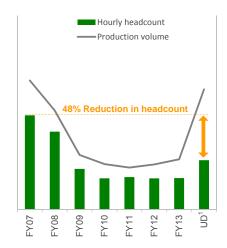
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3 – Leverage Recovery in New Residential

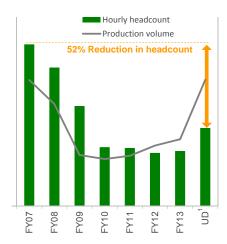
Plant rationalization and cost improvement focus at our production facilities will allow for a more productive workforce and reduce the headcount required during the next cycle



Bricks Plant Headcount vs. Production Volume



Stone Plant Headcount vs. Production Volume



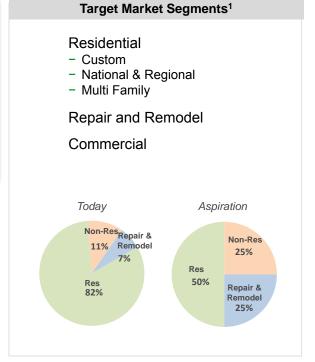
Total of 11 fewer plants, ~1,200 fewer employees, delivering ~85% more production per employee at underlying demand (UD) of 1.5m housing starts

4 – Diversify Product Offerings and End Markets; Launch New & Innovative Products



Roof underlayment Composite Trim Stucco Wall System Stone Panel System Commercial Brick

New Channels Boral Weyerhaeuser Building Products Building Products U.S. LUMBER



1. Target Market Segments include Cladding and Roofing

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Summary

Use Boral Key Levers of Change to Deliver on Strategic Priorities



Safety

Boral Production System

Sales & Marketing Excellence

Innovation

People engagement

- Implemented 4 tier approach to eliminate at risk behaviours
- LTIFR of 0.7 in FY2013, 79% improvement over FY2010 results
- Leveraging pull system to reduce inventories
- Brick inventory lowered by ~9% and turns improved by ~25% in FY2013
- Established Commercial Services
- Consolidated Trade Show Functions and Implemented Sales Ranking System
- Successful development and launch of Class 4 Hail Tile, Boral TruExterior® Trim, and Versetta® stone
- Rollout of the Global Innovation Factory
- Targeted approach to align the objectives of every level to achieve short term and strategic goals



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Opportunities for Growth

Recognizing the need to change to achieve our short and long term goals



Diversity and Scope

Market Segments
Sales Channels
Products

Margin Growth

Sales Skills

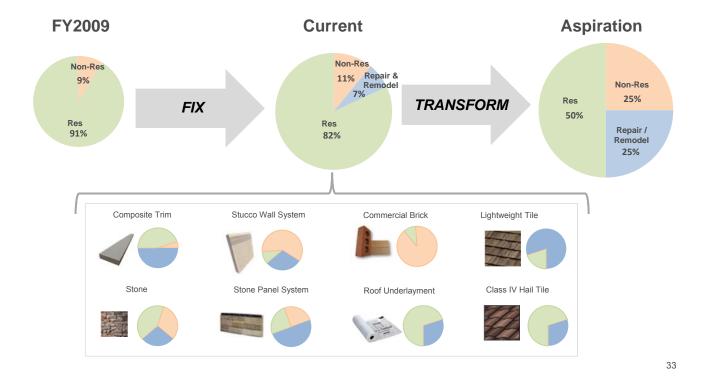
Our Marketplace



Diversity & Scope

Leverage increased products to diversified segments to transform Cladding and Roofing exposure





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Margin Growth

Improving visibility to drive higher margins



Pricing

- Price increase triggers
- By customer and products

National Accounts

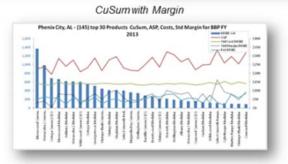
- Residential
- Commercial / Retail
- Repair & Remodel

Monthly Reporting

- Transparency
- Awareness

Coordination with Manufacturing

Cross division deal analysis Monthly Margin Reports Surface Surface



Sales Skills and Tools

Developing the tools we need for our sales force to excel



Sales Performance Ranking

Ranking Scorecard



Newsletters, ranking analytics reports



Account Planning

Original Account Plan



E-Commerce



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One Boral Marketing

Establishing and promoting Boral's identity



Previously

CELTURED STONE Boral Material



The Preferred Name In Stone









Now

Roof Tile Pavers Bricks Stone Trim Fly Ash Materials

Moving all Boral brands to a common "Boral" marketing platform

One Boral Marketing

Identifying cross divisional marketing opportunities



Our Goals

- Unified approach with consistent messaging
- Combining our budgets to achieve scale
- Building widespread brand recognition
- Promoting our brand nationally
- Positioning a premium brand

Literature



Trade shows





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Customer Appeal

Using the "Voice of Customer" to transition our message from product attributes to customer concerns



Sustainability



- Homeowners
- Designers
- Architects
- Installers
- Builders
- Distributors

Innovation



Durability



Availability



Design



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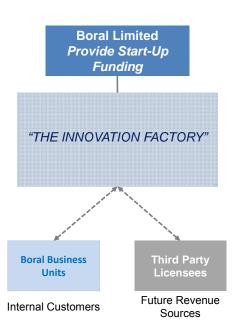
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Introducing the Innovation Factory

Transforming our operating structure to achieve our short and long term goals



Operating Structure



Our Goals

- Align resources and R&D priorities globally
- Manage disruptive/ transformational innovation and open innovation
- Leverage R&D resources globally
- Balance innovation risk
- Incubator for "square peg" projects
- Intellectual property management
- Transform customer needs into products and services

The One Boral Approach

Incorporating current best practices under centralized management



Centers of Excellence

Original Concept



Boral North America

- Building Products
- Composites

Boral Asia

- Gypsum
- System Design
- Ceilings

Cement

Boral Australia

- Asphalt
- Concrete

Innovation Factory

Original Concept with Central Oversight

- Regional R&D centers
- Open innovation networks
 - Universities
 - Joint development partners
- Knowledge management systems
- Knowledge management processes
- Lean organization

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Our Aspiration

Achieving transformational innovation to maximize the benefits of our changing industries



Benefits of the Factory

- Defined global innovation strategy
- Clear accountability for projects
- Senior Management engagement and oversight
- Drive disruptive and transformational innovation
- Leverage global expertise
- Promote knowledge transfer
- Produce customer driven products and solutions
- Enhance Boral's Innovation image in the market

Future State



Matching Technology to Future Market Demand

Innovation Driven Growth

Boral Composites Inc. is a new technology platform



New Product – New Opportunities

- First of kind Trim product
- Proprietary technology
- Highly sustainable
- New class of products
- New markets
- New channels and segments
- New geographies
- Growth platform
- Outbound innovation opportunities



Repair &Remodel – Lancaster, PA



Multi Family New Construction - Glouster, VA



Single Family New Construction - Middle River, MD

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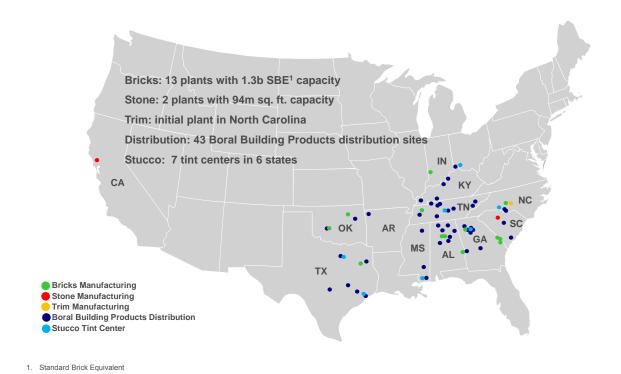
Boral Cladding

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Boral Cladding Footprint

Comprising 65 facilities, our reach is considered nationwide





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Boral Cladding: Strategic Intent

"Provide product and service solutions to the residential, commercial and repair & remodel segments that will enable Boral to grow and diversify into new geographies and markets"



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- #1 brick manufacturer in the US1
- #1 stone manufacturer in the US1
- Boral Building Products transforming to become a broader cladding products provider
- Our opportunity is in new market segments, products, and new markets
 - requires a more diverse portfolio

Footprint is Growing



Beyond New Residential



Historic





1. Based on management estimates

Brick Related Resale

Recent





Brick



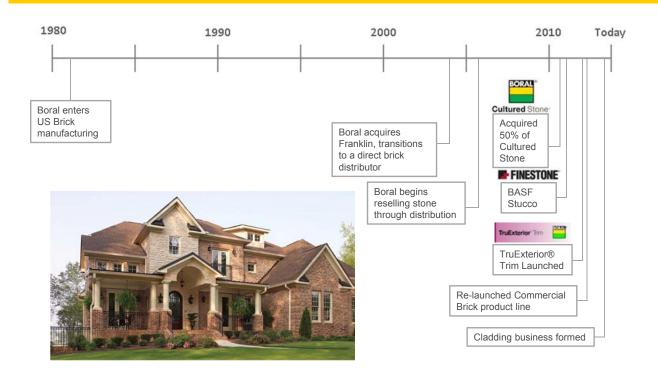
Composite

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Boral Cladding Evolution

Transitioning from a brick only focus to a Cladding products provider





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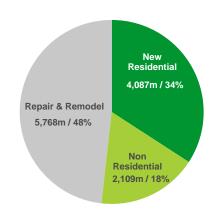
Cladding & Trim Market (Size & Scope)

Cladding & Trim market is ~12 billion square feet predominately driven by repair & remodel segment and cheaper cladding types (e.g. vinyl & wood)



Market Segments¹

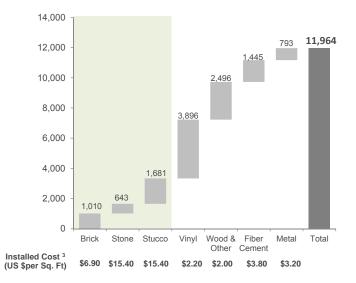
(millions of square feet)



During the prior cycle Boral Cladding sales were ~90% New Residential.

Product Segments²

(millions of square feet)



- Source: NAHB, Freedonia, management estimates
 Source: NAHB, Freedonia, Principia, management estimates
 Source: Ducker (FY10 installed cost study) & management estimates

Boral's key competitors in Bricks



Brick Sales Volume - FY20131

Boral Other **ACME** General Shale Hanson Glen-Gery

Total = \sim 3.4bn SBE

Key Competitors – Brick States



1. Brick Industry Association for total industry shipments; Boral estimates for market share

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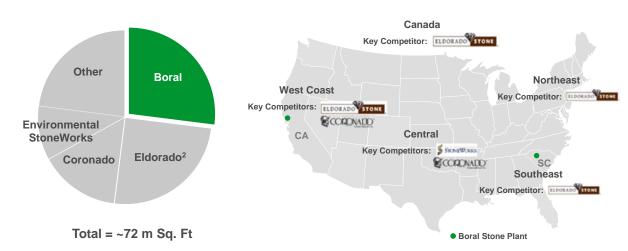
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Boral's key competitors in Stone Veneer



Stone Veneer Sales Volume - FY20131

Key Competitors by Region



MVMA data for total industry shipments(US only); Boral estimates for market shares Eldorado data includes all Headwaters Brands – Eldorado, Dutch Quality, and Stonecraft

Boral Cladding: Strategic Priorities



- 1. Safety Target Zero Harm
- 2. Product & Market Diversification (Growth) Maximize returns, geographic and segment expansion
 - Geography
 - Products
 - Innovation
- 3. Price & Share Management Maximize price and maintain / grow share
- **4.** Cost & Capital Management Improve cost position by leveraging Boral Production System, rationalization, and lower SG&A. Effective capital investments to support rationalised plant network

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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

1 – Safety

Focused on achieving Zero Harm Workplace



Safety & People

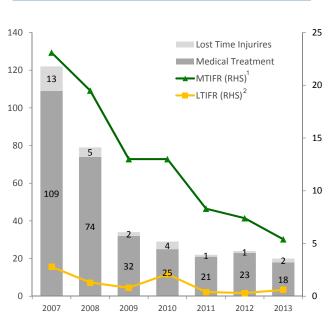
- 18 Medical Treatment Injuries (MTI) and 2 Lost Time Injuries (LTI) in FY2013
- Hours worked up ~9%

Safety Programs

- On Boarding & Behavior Training
- Safety Interventions All employees



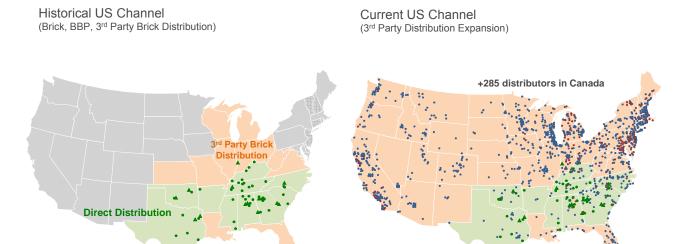
Boral Cladding – Safety Performance



2 - Geographic/Channel Diversification

Acquisition of Cultured Stone and TruExterior Trim start up has opened up new channels and expanded Boral Cladding's footprint to cover 50 US States and Canada





Expanded to a national Cladding presence adding ~1,700 3rd Party distributors in the US and 285 in Canada

Stone – 3rd Party Distributor Composites – 3rd Party Distributor

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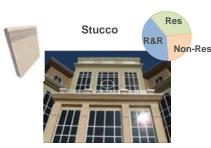
BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

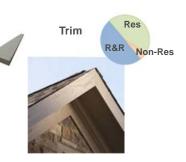
2 – Product Diversification

Historical approach was focused on bricks and ancillary / tangential products. Focus now on expanding to new products that diversify market position and end-market exposure







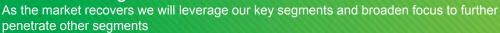




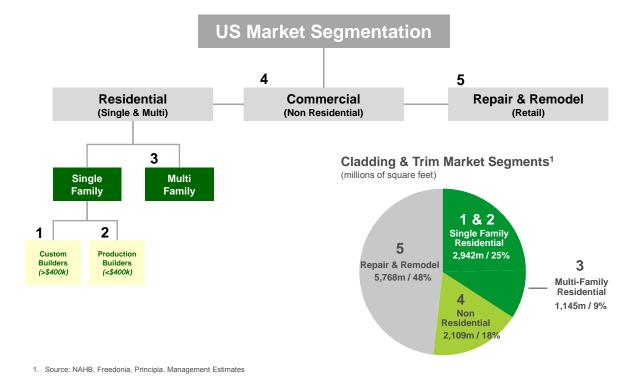
- Expanded product portfolio provides a more diversified market position
- Boral Stone, Admix Brick, and BASF Stucco have been added to the Boral Building Products portfolio
- Boral Trim and Versetta® Stone, both internal innovation products, are leveraging new two step channels



2 - Market Segment Diversification







BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

2 – Organic Product Growth

A key priority is continually adding to the product portfolio for Boral Building Products as the market recovery moves forward



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Cultured Stone®



- Acquired management control in Dec-2010
- JV winds down end of CY2013
- Lowered manufacturing cost through automation and LEAN manufacturing
- Natural compliment to brick in Boral Building Products channel
- Cements us as #1 player¹ in Manufactured Stone category



Commercial Brick (Admix)



- Invested capital to convert Bessemer, Alabama plant to Admix facility
- Typically brick market is ~30% Non-Residential
- Admix product will allow Boral to approach market with a full brick line
- Complements our other brick commercial capabilities in Henderson and Terre Haute



BASF Stucco



- Agreement with BASF to maintain exclusive rights to its Finestone brand in 12 states
- Currently selling traditional 3 coat stucco, EIFS, and wall system components
- Currently 7 tint centers, additional in development
- Focused initiative to grow nonresidential sales



1. Based on management estimates 56

2 – Innovation Product Growth

Boral TruExterior® Trim and Versetta® Stone products transform Boral's market position beyond our historical channel and market segments



Versetta® Stone



- Ideal product to penetrate the Repair & Remodel market.
- Panelized Manufactured Stone
- Nailed or screwed in place
 - No mason needed
- 50% recycled content
- Fast installation
- Target market: Where speed and ease of installation is key



TruExterior® Trim



- New category in US\$1.7b trim market
- Poly-ash trim
- 70% recycled content
- Like wood: easy to handle, easy to cut, rout, drill and fasten, installed with same tools
- Unlike wood: low maintenance, exceptional durability, resistant to rotting, cracking, free from termites.
- Unlike most other trim products has high level of dimensional stability, ground contact, easily painted



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3 - Price & Share Management

Brick and Stone pricing continues to be soft, driven by low industry utilization but market share improving



Brick

- Market Share
 - Focus on national builders
 - Leverage residential recovery in Texas
- Pricing
 - National builders leading growth with lower price point (improves leverage)
 - Geographic mix impacting pricing (Texas)

Trim

- Market Share
 - Growth continues in Northeast
 - Expanding into Midwest and West Coast
- Pricing
 - Pricing levels in line with value proposition and roll out strategy

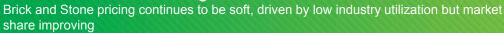
Stone

- Market Share
 - Focus on national builders & multi-family
 - Synergies with BBP being realized
- Pricing
 - Competitive pressure as intensity / utilization remain low
 - National builders and multi-family traditionally have lower ASP

Other

- Stucco
 - Growing share, expanding geographic footprint
- Other Resale
 - Mortar, full dimensional stone, and ancillary products continue to increase
 - Resale 40% of Boral Building Products' distribution revenue in FY2013

3 - Price & Share Management

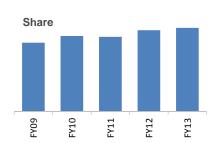




Bricks Market Share and Price

% Share, \$ per MSBE1

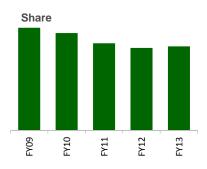




Stone Market Share and Price

% Share, \$ per Sq. Ft





1. Bricks ASP: Direct distribution ASP per 1,000 SBE

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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

4 — Cost & Capital Management (Rationalized network) Brick plant and direct center network rationalized to improve cost and capital position



Boral Bricks Plant Network Current capacity: ~1.3b MSBE

Boral Building Products Footprint Currently 43 Centers



Permanently closed 11 higher cost bricks plants & 10 distribution centres since FY2010

4 - Cost & Capital Management

Only 13 brick plants to be operational in future freeing up capital for higher value investments



Brick:

- 24 plants operational during prior peak with ~1.9b SBE capacity
- Utilization at 41% in FY2013, improved from 34% in prior year
- Permanently closed ~32% of high cost capacity
- In the future plan to operate ~1.3b SBE capacity with 13 plants

Stone:

- 2 plants with ~94m square feet capacity
- Utilization at 27% in FY2013, improved from 24% in prior year
- Rationalized employees and installed automation post acquisition
- Both plants operational in FY2013

Trim:

- Commissioned in November 2011
- 1 plant, 1 line in Salisbury, North Carolina

Asset Overview

Product	Plant	Location	Status
Brick			
	Terre Haute	IN	Operational
	Bessemer 1	AL	Operational
	Salisbury 1	NC	Operational
	Augusta 1	GA	Operational
	Phenix City 1	AL	Operational
	Gleason	TN	Operational
	Muskogee	OK	Operational
	Union City	OK	Operational
	Henderson	TX	Operational
	Smryna	GA	Mothballed
	Augusta 2	GA	Mothballed
	Bessemer 2	AL	Mothballed
	Augusta 3	GA	Mothballed
	Phenix City 2	AL	Closed
	Phenix City 3	AL	Closed
	Phenix City 4	AL	Closed
	Augusta 4	GA	Closed
	Lexington	SC	Closed
	Salisbury 2	NC	Closed
	Macon	MS	Closed
	Macon	GA	Closed
	Marshall	TX	Closed
	Van Wyck 1	SC	Closed
	Van Wyck 2	SC	Closed
Stone			
	Chester	SC	Operational
	Napa	CA	Operational
Trim			
	Salisbury	NC	Operational

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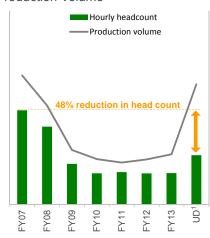
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4 - Cost & Capital Management

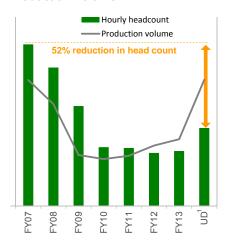
Through plant rationalization and cost improvements, facilities have reduced headcount requirement during the next cycle



Bricks Plant Headcount vs. Production Volume

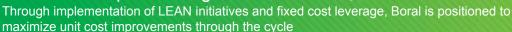


Stone Plant Headcount vs. Production Volume



Total of 11 fewer plants, ~1,200 fewer employees, delivering ~85% more production per employee at underlying demand (UD) of 1.5m housing starts

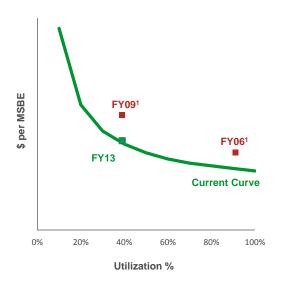
4 - Cost & Capital Management (LEAN & Leverage)





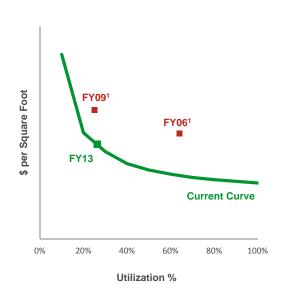
Brick Manufacturing Cost Curve

(\$ per MSBE, Utilization %)



Stone Manufacturing Cost Curve

(\$ per SF, Utilization %)



1. Inflation adjusted by 1.5% per annum

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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

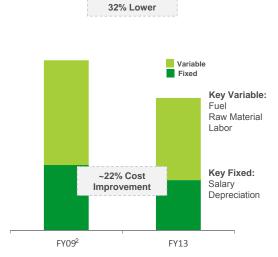
4 – Cost & Capital Management (Lean & Leverage)

Through implementation of LEAN initiatives and locking in savings, Boral is positioned to maximize unit cost improvements through the cycle



Brick Manufacturing Costs & Assets¹ (\$ per MSBE)

Assets



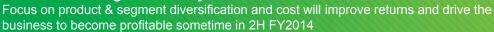
Stone Manufacturing Costs & Assets¹ (\$ per Sq. Ft)

34% Lower Variable Fixed Key Variable: Labor Raw Materials Molds ~26% Cost Key Fixed: Improvement Salary Depreciation FY09² FY13

Assets

- FY09 & FY13 at similar utilization rates Inflation adjusted by 1.5% per annum

Boral Cladding Summary







Segment Diversification Non-residential, multi-family, repair & remodel The second s

Cost & Capital Management

- Rationalized Brick and Boral Building Products network
- Improvement from Boral Production System on cost
- Lower manufacturing cost position through cycle
- Lower assets through cycle

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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Content

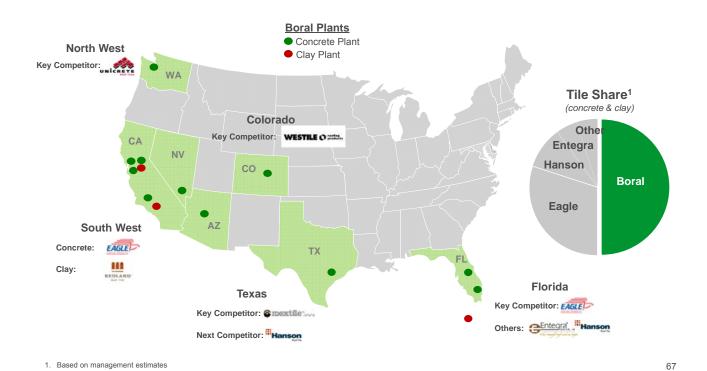


- Boral USA Overview
- Economic & Housing Update
- Strategic Priorities
- Commercial Services & Innovation
- Boral Cladding
- Boral Roofing
- Boral Materials
- Outlook

Boral Roofing is the US market leader in Concrete & Clay Tile



11 concrete roof tile plants and 3 clay roof tile plants



BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Boral Roofing: Strategic Intent





- Market leader with ~50% national share of roof tile, but only 1% to 2% of total North America roofing
- Heavily tied to four states and new construction (production builders)
- Opportunity is in new geographies, products, and market segments







Boral Roofing: Strategic Priorities



- 1. Safety Target Zero Harm
- 2. Product & Market Diversification (Growth) Grow and diversify through increased sales in new geography, products, and markets
 - Geography (central US)
 - Products (resale)
 - Markets (reroof)
- 3. Price & Share Management Maximize price and maintain / grow share
- **4.** Cost & Capital Management Lower SG&A as a percent of sales, improve manufacturing costs, and deliver higher asset utilization at lower cost base

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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

1 - Safety

Focused on achieving Zero Harm workplace



Safety & People

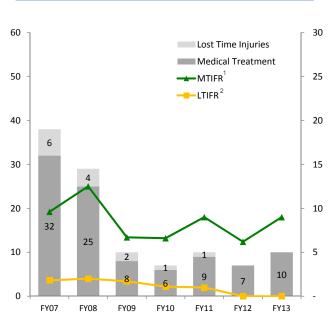
- 10 Medical Treatment Injuries in FY2013
- Hours worked up 3%

Safety Programs

- On Boarding & Behavior Training
- Safety Interventions All Employees
- Near Misses 4,455 in FY2013



Boral Roofing – Safety Performance



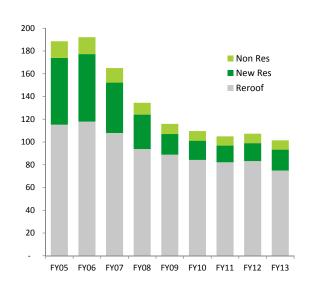
2 - Product & Market Diversification (Size & Segment)





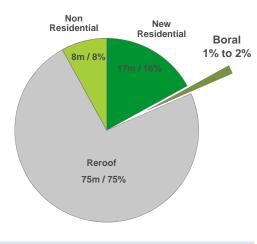
Market Size

(millions of squares)



Market Segments

(millions of squares)



Re-roof: homes with asphalt typically replaced every 10-20 years

Source: ARMA, NAHB, Moody's, Dodge, Management Estimates

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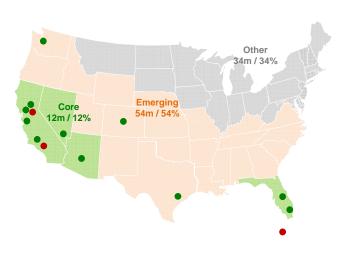
BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

2 – Product & Market Diversification (Geography & Product)
Opportunity resides in diversifying beyond current geography, market, and product



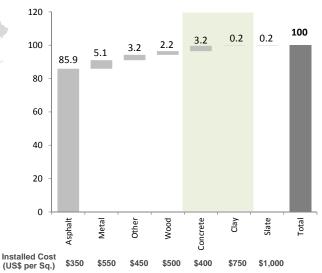
Size by Geography

(millions of squares)



Product Segments

(millions of squares)



Source: ARMA, NAHB, Moody's, Dodge, Management Estimates

2 – Product & Market Diversification (Growth)

Boral has focused on regional campaigns, resource alignment, product innovation, and resale products for diversified growth



Geography

- Texas, Colorado, Heartland
- Conversion from asphalt
- Consumer awareness
- 5 additional FTE's allocated
- 20 new builders, volume up +45%



Resale

- Incremental to tile (systems)
- Three new products per year
- Pass through, limited assets
- Revenue +109% in 2 years
- Margin +88% in 2 years



Reroof

- Lt weight tile offering
- Clay tile offering
- New hail tile in central US
- Sales / Marketing alignment



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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

3 - Price & Share Management

Share increase primarily due to west coast competitors market exit. Recent focus on price / margin initiatives, and share gain through new geographies and roof components



Price & Margin

- National builder volume up, price up
- Regional and local price increase
- Incentive management (internal / external)
- Product mix

Share

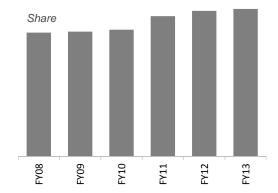
- Fewer competitors
- New geographies (central US)
- New market segment (reroof)
- Share of roof, not just tile (resale)

Concrete Tile: Share & Price

(% Share, \$ per Square)

ASP down due to mix (volume gains from lower priced national builders)

ASP

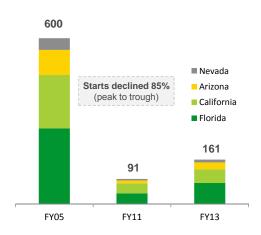


4 - Cost & Capital Management (Headcount & SGA)

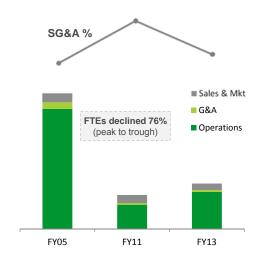




Housing Starts in Boral Tile States (000 units)



Roofing FTEs1 & SG&A (Headcount, SG&A % of Sales)



1. FTE - Full time equivalent employee

75

BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

4 – Cost & Capital Management (Manufacturing Network) Three plants currently mothballed, three plants rationalized. Further work in progress



Boca plant rationalized in FY2010, Mexico and Kansas City in FY2013

Concrete Tile

- 14 plants operational during prior peak, with ~7.7m square capacity
- Permanently closed 3 plants, ~10% of high cost capacity
- FY2013 utilization at 22%, improved from 17% in prior year

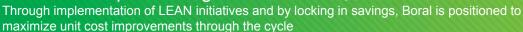
Clay Tile

- 3 plants with ~380k square capacity
- 2 plants operational in FY2013

Asset Overview

Product	Plant	Location	Status
Concrete			
	Stockton	CA	Operationa
	Lathrop	CA	Operationa
	Gilroy	CA	Operationa
	Rialto	CA	Operationa
	Phoenix	AZ	Operationa
	Henderson	NV	Operationa
	Katy	TX	Operationa
	Denver	СО	Operationa
	Lake Wales	FL	Operationa
	Pompano	FL	Operationa
	Tacoma	WA	Mothballed
Clay			
	Corona	CA	Operationa
	Ione	CA	Mothballed
	Trinidad	TD	Mothballed

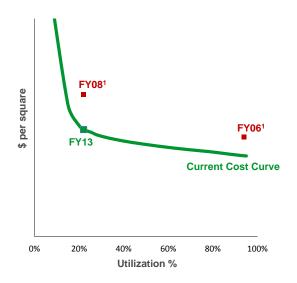
4 - Cost & Capital Management (Lean & Leverage)





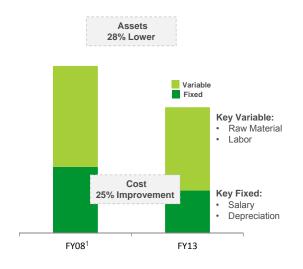
Roofing Manufacturing Cost Curve

(\$ per square, Utilization %)



Manufacturing Costs & Assets

(\$ per Square @ 22% utilization)



1. Inflation adjusted by 1.5% per annum

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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Boral Roofing Summary

Focus on price, margin, diversification, and cost will improve returns and drive the business to become profitable in late 2H FY2014



Product & Market Diversification

new geographies, reroof segment, new products







Price & Share Management

national builder pricing, sales resources, resale







Cost & Capital Management

- Lower SG&A % of sales
- Optimized manufacturing network
- Lower cost per square through cycle
- Lower assets through cycle

Content



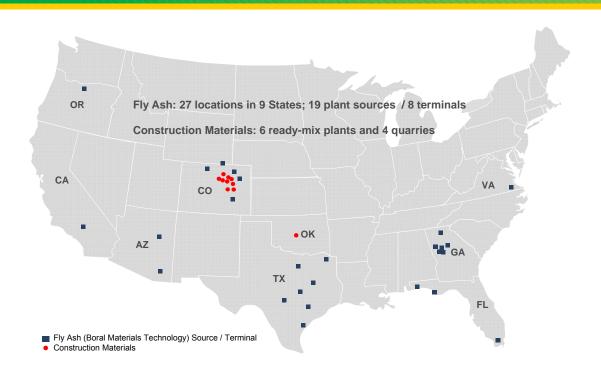
- Boral USA Overview
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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Boral Materials Asset Portfolio





Boral Materials: Strategic Priorities



- Maintain safety focus on Zero Harm work environment
- Fly Ash (BMT)1
 - Sustainable fly ash supply
 - Improve pricing
 - Develop new product applications



- Construction Materials
 - Exploit strong quarry reserves position
 - Leverage strong ready mix plant network



Boral Materials Technology

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BORAL LISA ANALYST AND INVESTOR SITE TOLIR 2013

Safety

Focused on achieving Zero Harm workplace



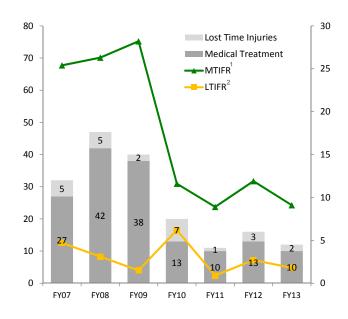
Safety Highlights: BMT

- Improved FY2013 performance
 - Zero recordable incidents or LTIs
 - Observations and Near Miss reporting increasing
- Cultural shift in safety driven hourly employees
- Expanding safety training to sales and head office

Safety Highlights: Construction Materials

- Improved FY2013 performance
 - Medical treatments declined
- Near Miss reporting raising awareness
- Using Near Miss reporting to identify trends

Boral Materials – Safety Performance



Medical Treatment Injury Frequency Rate
 Lost Time Injury Frequency Rate

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BMT: Fly Ash Supply

Secure existing ash supply and obtain additional supply



Current Supply Footprint:

- Three key contracts extended through 2020
- Four contracts in contract extension process
- By end CY2013 all existing ash supply expected to be contracted until 2020

Footprint Expansion:

- Added source in south Texas in FY2013
- Initiative in place to identify and add new ash sources



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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

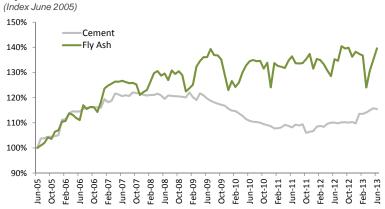
BMT: Price Improvements

Improve pricing as the construction market recovers and cement prices increase



- BMT fly ash pricing has remained flat during downturn but cement pricing has declined
- Adjusting fly ash pricing in line with cement price increases
 - will continue this approach

Fly Ash Price¹ Index vs. Cement Price² Index



BMT External Fly Ash ASP

BMT: New product applications

Continue to identify and develop new uses for fly ash



- Aspiration to develop a diversified product portfolio resulting in ~35% of revenue generated from new product applications
- Continue to develop new niche applications for Celceram® products
- Pursue other mineral filler applications, added resources:
 - Developing asphalt roofing applications
 - Expanding oil field applications
 - Exploring the potential of plastics







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BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Construction Materials: Exploit Strong Quarry Positions



Colorado Quarries

- High quality that are close to market
- Long term reserve positions exceeding 25 years at each quarry

Oklahoma Quarry

- Lowest landed cost to market
- Long term reserve position

Quarry End Use (Colorado)

 Sale of water storage reservoir developing incremental profit







Construction Materials: Leverage Network Position

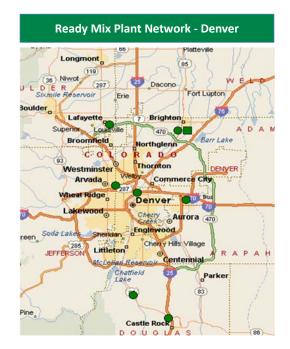


Ready Mix Price/ Margin Improvement

- ~20% market share in Denver Metro
- Strong backlog in Denver Metro
 - Strong segment diversification, compete in Res, Non-Res, and Non-Building
 - Strong market recovery in FY2013 and expect continued growth in FY2014
 - CRM used to help management with customer relations and opportunities

Ready Mix Delivery Service

- Route optimization
- Best in class service, product quality, and strong management team



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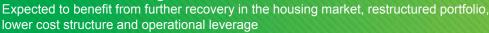
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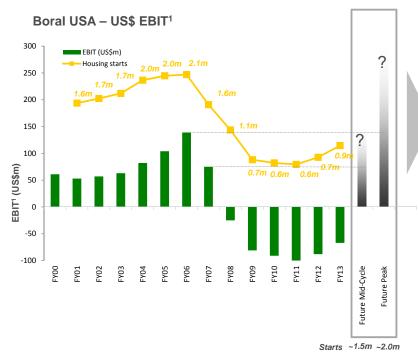


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Boral USA's earnings







Potential earnings uplift from:

- Acquisitions
 - 50% MLT
 - 100% Cultured Stone
- New products
 - Trim, Versetta®, Stucco, Commercial Brick, Tile Seal, Class 4 Tile, New Resale
- SG&A reductions
 - Restructuring, merger synergies and improved efficiency
- Operational improvements
 - LEAN improvements
 - Plant rationalisation
 - Operational leverage to market recovery

1. Excluding significant items 89

BORAL USA ANALYST AND INVESTOR SITE TOUR 2013

Boral USA Outlook FY2014



Market Activity

- Residential segment to continue recovery with Analyst Average¹ forecasting 27% increase in US Starts in FY2014
- Non-Residential and Repair & Remodel segment to remain flat in 1H FY2014 and increase modestly in 2H FY2014

Boral Cladding

- Recent decline in brick intensity expected to improve as custom home builder activity increases
- Stone, Trim and Stucco will have positive impact in diversifying growth in multi-family residential, non-residential, and repair & remodel segments

Boral Roofing

- Expect production builders in Tile States to continue to increase despite residential hurdles (labour, land, rates)
- Focus on price, margin, costs, and diversification will improve returns and breakeven in late FY2014

Boral Materials

- BMT: Maintain sustainable fly ash supply and develop new product applications
- Construction Materials: Exploit strong quarry positions and leverage ready mix plant network as market activity continues to improve

Boral USA

 Expect to break through to profitability in 2H FY2014 as housing recovery continues to benefit volumes