

**Boral Limited** 

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6 May 2015

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

#### Dear Sir

We attach copies of slides being shown by Mike Kane, CEO & Managing Director, to members of the investment community during the Macquarie Equities Australia Conference on 6 and 7 May 2015, in Sydney.

Yours faithfully

Dominic Millgate
Company Secretary



## Transforming Boral

Macquarie Equities Australia Conference

Mike Kane, CEO & Managing Director, Boral Limited | 6-7 May 2015









### Boral is an international building and construction materials group with operations across Australia, the USA & Asia



	FY2012	Now <sup>1</sup>
Business mix (by revenue)	Plasterboard Asia Building Products  Building Products  Cement  Construction Materials	Boral USA  Boral Gypsum  Building Products  Construction Materials & Cement
Revenue	\$5.0b	\$5.2b <sup>2</sup>
ROFE <sup>3</sup>	4.1%	7.2%
Gearing Net D / (Net D + E)	31%	20%
Employees	14,740	11,830 <sup>4</sup>
Market cap	\$2.2b as at 30 June 2012	\$4.9b as at 4 May 2015

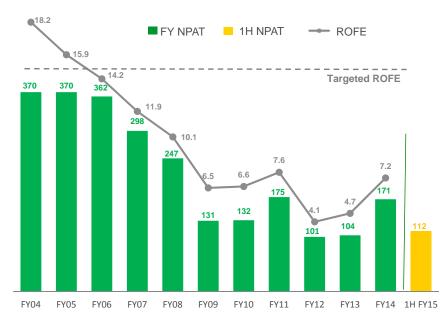
Boral has a stronger balance sheet, improving returns, and a more streamlined organisation with lower costs

- 1. As at 31 December 2014 unless otherwise stated
- 2. Revenue of \$5.2b is the annualised 1HFY2015 result including Boral's share of revenue from the USG Boral JV
  3. EBIT return on funds employed before significant items
  4. Including 3,104 employees in the USG Boral JV

## Boral has been impacted by a protracted downturn in the USA and changes in Australian Building Products



#### NPAT<sup>1</sup> (before significant items) and EBIT Return on Funds Employed<sup>2</sup>

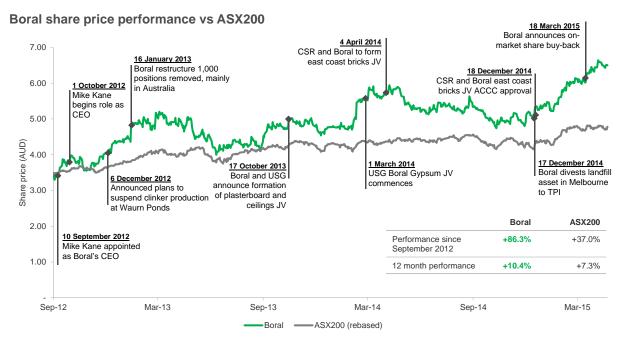


- 1. Net Profit After Tax
- EBIT return on funds employed before significant items

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## Boral's share price has been responding well to strategic initiatives and restructuring





## Boral's Fix, Execute, Transform program moving firmly into the Execute & Transform phases









2 years

4 years

6 years +

Fixing things that are holding us back

- √ Streamlined organisation
- ✓ Reshaped portfolio
- √ Focus on costs, cash, capital
- ✓ Cost savings of \$188m by end of FY2015
- ✓ Reduced net debt, constrained ✓ Responding to external capital expenditure, improved balance sheet

Improving the way we operate to be more efficient, disciplined and profitable

- ✓ People engagement and safety first
- ✓ Levers of change LEAN, Sales & Marketing, Innovation
- challenges and changing market conditions

**Transforming Boral for** performance excellence and sustainable growth through innovation

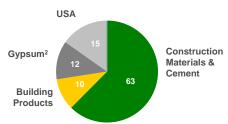
- ✓ Product innovation e.g. prototype 'composite sheet line' in Texas, USA
- ✓ Rollout of world-leading gypsum technologies across **USG Boral**
- ✓ Lowering fixed cost exposures through the cycle

## Where will future growth come from?



- USA market recovery, organic growth and possible bolt-on activity
  - The journey beyond 1 million housing starts p.a.
- **Gypsum** Sheetrock® technologies, product penetration in Asia, economic growth, adjacent products
  - Since FY2007 plasterboard sales volume CAGR of 6% p.a. (in Asia and Australia/NZ)
- <u>Australia</u> maximising returns from our integrated construction materials position, through the cycle
  - Moving to a multi-year infrastructure and non-res cycle, predominantly Eastern States from 2017-2022

### Revenue by division<sup>1</sup>, %



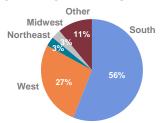
<sup>1.</sup> For the half year ended 31 December 2014

Gypsum revenue represents Boral's 50% share of underlying revenue from the USG Boral JV, which is not included in Group reported revenue





#### SHARE OF REVENUE<sup>1</sup>





(number of operations)

Brick plants - (3 mothballed) 1.3 billion SBE capacity

Roof tile plants - 10 concrete (2 mothballed) and 2 clay (1 mothballed) 7 million squares of capacity

**Cultured stone plants** 

**Boral Building Products Distribution Centres** 

Composite plant (for trim and siding products)

NORTH-1 **MIDWEST** EAST WEST 2 SOUTH 5 1 8

Concrete plants and quarries (Colorado only)

Flyash source and distribution operations

Plus 3,200+ third-party dealer locations throughout North America

1. 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.

Those states italicised in green are the states in which Boral operates and are included in Boral's US Revenue chart, which is based on 1HFY2015 split of revenue with 'Other' including other states and sales outside of the USA.

250

200

150

100

## In the USA, new residential construction is continuing to recover in all regions



Forecasters<sup>1</sup> currently expect an average of ~1.0m US housing starts in FY2015 and in excess of ~1.8m by FY2019, with all regions forecast to recover strongly

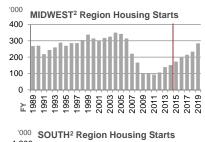
SHARE OF BORAL'S

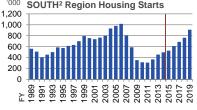


'000 NORTHEAST' Region Housing Starts









Housing starts forecasts based on the average of Moody's, Dodge, NAHB and NAR 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.

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## US growth opportunities



#### **CURRENT PORTFOLIO**

- Asset-intensive, energy-intensive, high fixed cost platform
- Residential focus in mature markets

#### **FUTURE FOCUS**

- Higher variable cost based manufacturing
- Balanced market segments
- Significant ROFE potential

#### New manufactured products

- Light building products Trim, Beadboard, Siding
- New products in existing portfolios Bricks, Stone & Roofing

#### New non-manufactured products

Brick resale, roofing components, stucco

#### New market segments and geographies

- Commercial Brick
- Flyash contracts
- National commercial specifications for Cladding (eg. McDonald's, Intercontinental Hotels)
- Repair & Remodel class 4 hail tile for re-roof
- Versetta® penetrating Big Box retail channel
- Emerging Roof Tile markets: Colorado, Texas, Pacific Northwest



Trim



Bead board



Versetta®

## **Boral Gypsum**

50%-owned USG Boral joint venture in Australia, New Zealand, Asia and Middle East



#### SHARE OF REVENUE<sup>1</sup>



### (number of operations)

Plasterboard plants 633m m<sup>2</sup> capacity

Gypsum Mines<sup>2</sup> Other plants<sup>2</sup>

ceiling tile, metal ceiling grid, metal products, joint compounds, mineral wool and cornice production

**Australia** 

Malaysia

Indonesia

NZ

- Based on split of 1HFY2015 underlying revenue for USG Boral
  Certain manufacturing facilities and gypsum mines held in JV with third parties | production of plasterboard and other products may be at the same physical location
  GDP growth is real GDP growth rate 2014 | Population figures as at December 2014 | Population growth based on 2014 estimates |
  Urban population as a percentage of total population for 2014 | Rate of urbanisation based on annual rate of change between 2010 and 2015E.
  Source: CIA World Factbook

## Operations in high growth countries as well as new products will underpin USG Boral's growth



#### SHARE OF REVENUE<sup>1</sup>







3 South Korea

#### MANUFACTURING FOOTPRINT (number of operations)

- Plasterboard plants 633m m<sup>2</sup> capacity
- Gypsum Mines<sup>2</sup>
- Other plants<sup>2</sup> ceiling tile, metal ceiling grid, metal products, joint compounds, mineral wool and cornice production

Middle East				
	Thailand			
	GDP growth	1.0%		
	Population	67.7 m		
	Population growth	0.4%		
	Urban population	49.2%		
	Rate of urbanisation	3.0%		

1	Vietnam	
- 3	Philippines	
	7 54 1	
	- 2	
36	- ALE	

Malaysia	
GDP growth	5.9%
Population	30.1 m
Population growth	1.5%
Urban population	74.0%
Rate of urbanisation	2.7%

5.2%
253.6 m
1.0%
53.0%
2.7%



NZ

- Based on split of 1HFY2015 underlying revenue for USG Boral

  Certain manufacturing facilities and gypsum mines held in JV with third parties | production of plasterboard and other products may be at the same physical location
- GDP growth is real GDP growth rate 2014 | Population figures as at December 2014 | Population growth based on 2014 estimates | Urban population as a percentage of total population for 2014 | Rate of urbanisation based on annual rate of change between 2010 and 2015E. Source: CIA World Factbook

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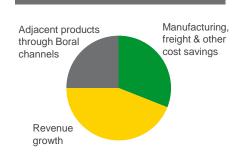
## To USG Boral remains on track to deliver on its targeted synergies



#### **Synergies**

- Expect to realise synergies of US\$50m within three years of technology roll-out
- Upfront integration expenditure expected to exceed synergies for first 2 years of JV

### Targeted synergy breakdown



#### Sheetrock® Technology roll-out

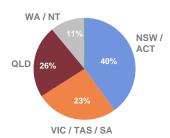
- Wave 1: Sep-Oct 2014 Launched in initial markets in Australia. Korea, Indonesia, Thailand
- Wave 2: Mar-Sep 2015 Currently expanding and filling market gaps in Australia, Indonesia, Vietnam, China, export markets
- Waves 3 & 4: Build on success and complete roll-out across all 25 plasterboard lines







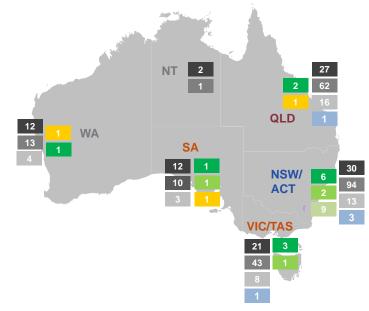
#### SHARE OF REVENUE<sup>1</sup>



### **OPERATING FOOTPRINT**

(number of operations)





- Based on 1HFY2015 split of revenue across CM&C and BBP
- Includes cement manufacturing plant, bagging plant and lime plant in NSW, a clinker grinding plant in Vic and a clinker grinding JV in Qld Includes all Boral CSR JV plants on the East Coast
- Includes 8 Boral Hardwood mills and 1 JV Softwood operation

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### Significant improvements have been undertaken in the Australian businesses



#### **CONSTRUCTION MATERIALS & CEMENT**

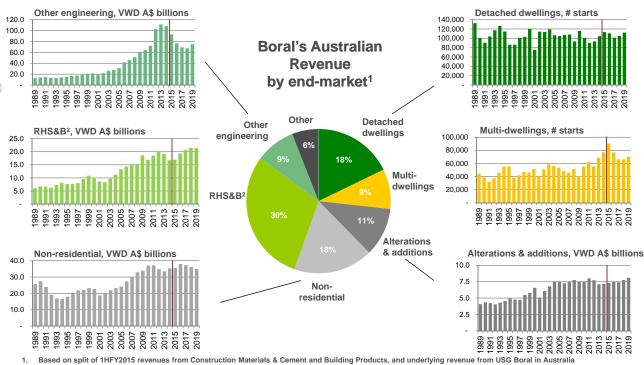
- Reduced overhead and contract management costs
- Realigned asphalt business in Queensland and Victoria
- Ceased clinker manufacturing at Waurn Ponds
- **Closed Berrima colliery**
- Closed Maldon cement kiln
- Completed \$200m Peppertree Quarry investment project
- Developed contracting skills and major projects capabilities
- Focus on pricing and sales excellence

#### **BUILDING PRODUCTS**

- **Divested Windows**
- Formed Boral CSR Bricks JV on the East Coast
- Exiting woodchips, engineered flooring and rationalised timber mills
- Streamlined organisation and significantly reduced costs

## Boral's Australian revenues are derived from a number of segments





Roads, Highways, Subdivisions & Bridges

Note all charts are for financial years and have been based on 2012/13 dollars

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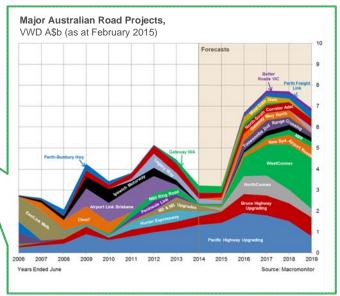
# Boral's largest segment in Australia is Roads, Highways, Subdivisions & Bridges (RHS&B)





A significant lift in Major Road Projects

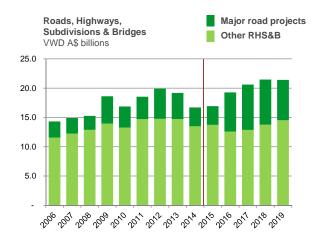
underpins forecast growth of ~25-30%



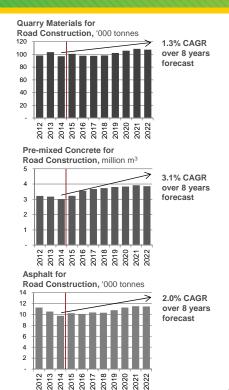
## What does this mean for construction materials suppliers like Boral?



- Due to materials intensity and timing (and the absence of the East West Link in Vic), we do not expect a short-term surge in demand
- We expect major road projects to underpin an elevated and protracted lift in materials demand over the next decade, which is good news



Source: Macromonitor, Construction Materials Forecast, February 2015 (Queensland updated April 2015)



With strategic reserves and integrated downstream operations, Boral is well-positioned to benefit

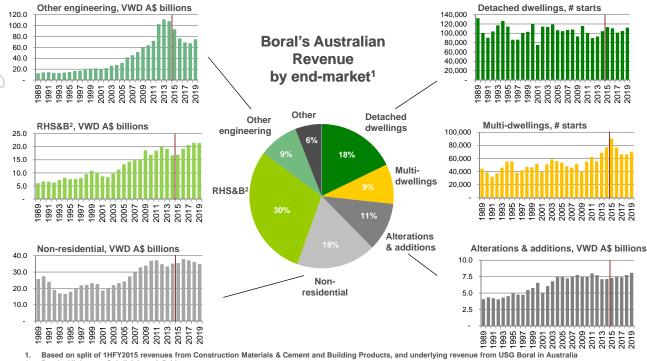


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## While RHS&B will grow, engineering will continue to soften & dwelling construction will come off peak levels





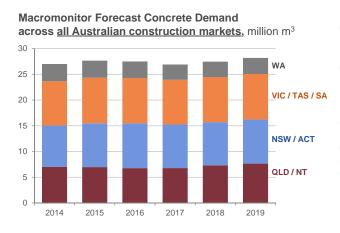
Based on spirit of THE 12015 revenues from Construction Materials & Cement and Building Products, and underlying revenue from OS
 Roads, Highways, Subdivisions & Bridges

Note all charts are for financial years and have been based on 2012/13 dollars Source: BIS Shrapnel for Other Engineering, Macromonitor for all other market and forecast data 19

## Overall, what do we see for concrete, as a proxy for construction materials volumes, across all markets?



Industry concrete demand in Australia is forecast to stay at high levels of demand for the next five years

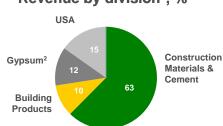


- ~1% CAGR in concrete volumes forecast from FY2014 to FY2019
- Growth in RHS&B activity and in non-residential activity to offset decline in resources sector engineering work and softening in dwellings
- NSW to maintain high levels of activity
- Infrastructure investment in Victoria over time
- Queensland, WA & SA broadly steady

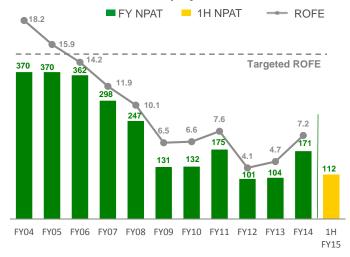
## Strong construction materials volumes coupled with growth in the USA and Gypsum positions Boral well



Revenue by division<sup>1</sup>, %



NPAT (before significant items) and EBIT Return on Funds Employed<sup>3</sup>



- For the half year ended 31 December 2014
   Gypsum revenue represents Boral's 50% share of underlying revenue from the USG Boral JV, which is not included in Group reported revenue
   EBIT return on funds employed before significant items

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### A Outlook for FY2015

- stated in February 2015 at half year results



Construction Materials & Cement

- FY2015 EBIT expected to be higher than FY2014, underpinned by higher **Property earnings**
- Excluding Property, seasonally weaker 2H; 2H FY2015 should be broadly in line with 2H FY2014
- Continued strength in Sydney, improvements in SE Qld and benefits from restructuring should offset subdued RHS&B activity, tapering off of some LNG work and current lack of pricing momentum. Earnings growth could be dampened if potential property sales not realised or adverse weather

**Building Products** 

- Continue to deliver improved year-on-year performance, with volume and price gains offsetting the impact of fewer working days in 2H FY2015
- Reported revenue will be lower following formation of east coast bricks JV in 2H FY2015, but no material impact to 2H FY2015 earnings expected

**Boral** Gypsum

- Strong underlying performance to continue reflecting increased demand and restructuring benefits but lower earnings contribution to Boral expected in FY2015 due to full 12 months of 50% equity accounted posttax earnings
- Synergies expected to ramp up from 2H FY2015 offset by expanded product and new technology roll-out costs

Boral **USA** 

Expect significantly improved, broadly break-even result in FY2015, assuming a typically stronger 4Q FY2015

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## # Updates in 2H FY2015



#### Construction Materials & Cement

- Unplanned stoppage of Berrima Cement kiln for 5 days and adverse weather events throughout Australia adversely impacted in April, offset by additional opportunistic property earnings
- Despite price increases effective 1 April, some markets remain difficult for pricing

## Building Products

Boral CSR Bricks commenced 1 May 2015

#### Boral Gypsum

 Roll-out of Sheetrock® technologies in USG Boral continues – product penetration and pricing remain positive

#### Boral USA

- Better than expected weather in January offset by very poor conditions in February which moved into March
- 4Q FY2015 remains important

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### Disclaimer



The material contained in this document is a presentation of information about the Group's activities current at the date of the presentation, 6 May 2015. 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).

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