

# **James Hardie**

# High Growth From Unique Technology March 2003



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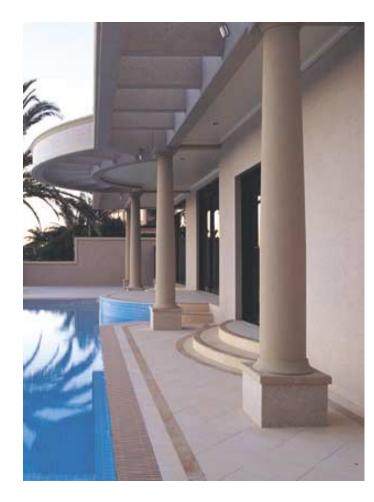
### **The World Leader In Fibre Cement**



- > Predecessor company established 1888
- > Listed on ASX 1951
- > Paid a dividend every year
- > Developed fibre cement 1980s world first
- > Entered USA market late 1980s
- > Restructured for growth 1996 2002

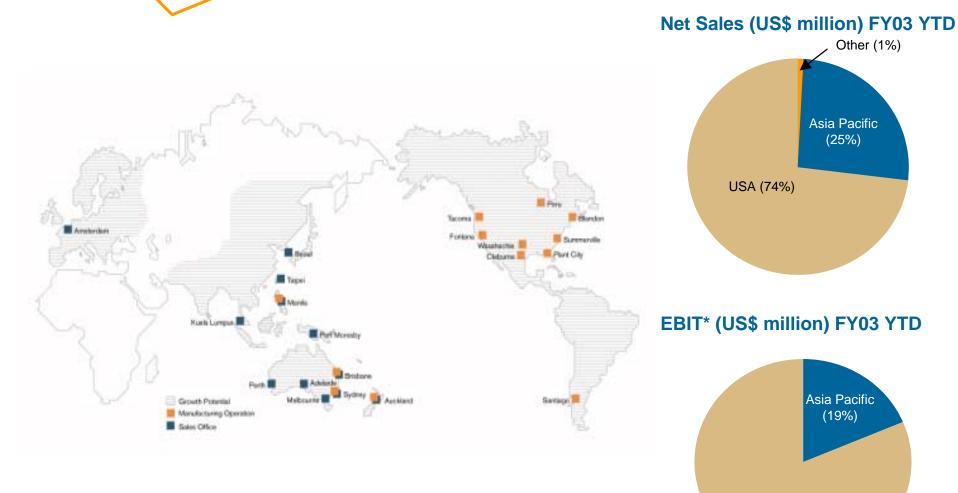


### **An Emerging Growth Company**



- > Annual turnover US\$800m
- > Total assets US\$800m
- > 21 operations in 6 countries
- > 2,400 employees
- > Market cap US\$1.6 billion (A\$3 billion)
- > ASX Top 50 company
- > NYSE listed ADRs





USA (81%)

## **Focussed on Fibre Cement**

### **Attractive Investment Attributes**



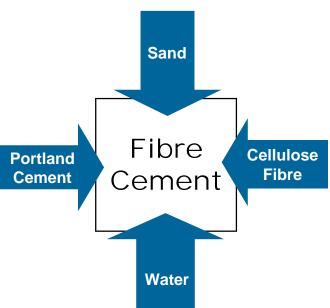
- > High growth
- > Unique proprietary technology
- > Sustainable competitive advantage
- > Strong cashflows and balance sheet
- > Low cyclical risk
- > Strong execution through relentless will to win



# First to Develop Fibre Cement

# James Hardie pioneered the development of fibre cement technology in the 1980s







# **Many Product Applications**

- > External siding/soffit lining
- > Internal wall/floor wet area lining
- > Trim and fascia
- > Ceiling lining and flooring
- > External/internal wall systems
- > Partitioning
- > Commercial facades
- > Decorative columns
- > Fencing
- > Drainage pipes





# Unique Technology and Scale

#### **Sustainable Competitive Advantage**

- > Unique plant engineering and proprietary process technology and product formulations
- > Superior capital cost efficiency plant capital cost ½ that of competitors
- > Largest, lowest cost manufacturer plant operating cost 20-30% lower than competitors
- > Only national producer in each market
- > Superior economies of scale plants 2-3 times larger than competitors
- > Unique differentiated products, widest range and strongest brand

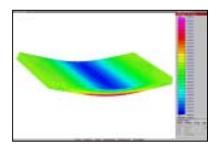


# **Creating the Future**

### **R&D is a Key Driver of Growth**







#### > Capabilities and resources

- 120 scientists, engineers and technicians
- 30% increase in spend to US\$21 million in FY03 – 3% of sales
- > Core projects
  - new proprietary engineered raw materials
  - new proprietary product formulations
  - new engineering and proprietary process technologies
  - lightweight and durable products for all climates







# **Vision and Strategy**

# Industry Leadership and Profitable Growth

- > Aggressively grow the market for fibre cement
- > Secure differentiated positions by leveraging:
  - technology
  - products
  - scale
  - cost
  - market position
  - brand recognition
- > Targets rapid growth, high volume, largest share
- > Sustain attractive margins

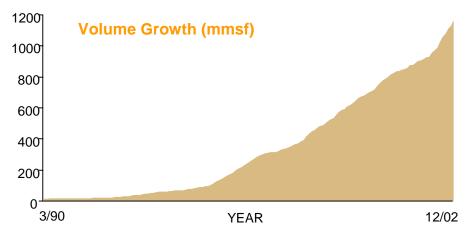


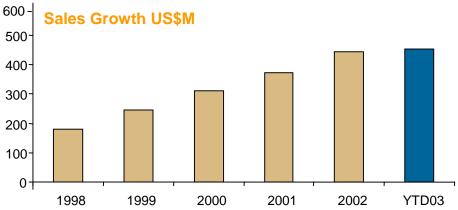




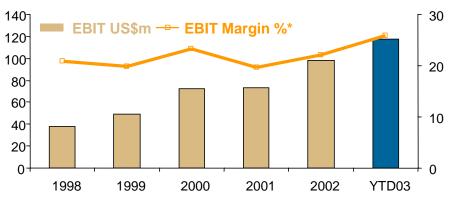


## **Strong Growth and Profits**









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\* Before restructuring and other operating expenses



# Largest and Lowest Cost

# James Hardie has a unique advantage in North America – the largest framed construction market in the world



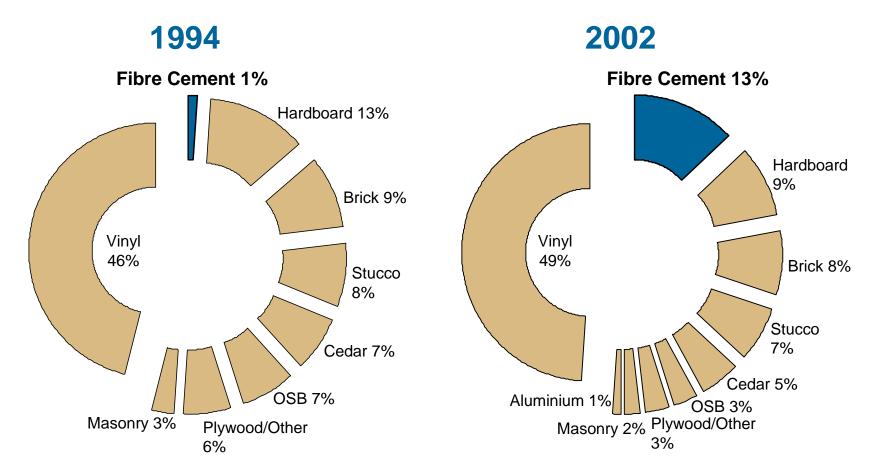
#### **Plant Capacity**

Flat Sheet Plants	Capacity (mmsf)
Fontana, California	180
Plant City, Florida	300
Cleburne, Texas	500
Tacoma, Washington	200
Peru, Illinois	400
Waxahachie, Texas	360 *
Blandon, Pennsylvania	200 *
Summerville, South Carolina	190
Flat Sheet Total	2,330
FRC Pipe Plant	
Plant City, Florida	100,000 tons
*Upgrade in progress – includes	1

Upgrade in progress – includes capacity being added

# High Category Share – Low Market Share

#### **USA - Total Siding Market Share**



# Superior Product Performance

#### Fibre Cement is more durable than wood and engineered wood

 Fibre Cement

#### Superior Durability

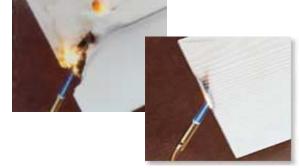
- Moisture Resistant
  - Fire Resistant
- Weather Resistant
- Termite Proof
- Won't Warp
- Won't Crack
- Won't Rot
- Holds Paint Longer
- Won't Delaminate

**Engineered Wood** 



# Superior Product Performance

#### Fibre Cement looks and performs better than vinyl





Fibre Cement	:	Vinyl
~	Fire Resistant	?
~	Hail Resistant	?
~	Wind Resistant	?
~	Won't Warp	?
~	Won't Buckle	?
~	Colour Lasts Longer	?
~	Strong and Rigid	?
~	Expands/Contracts	?
~	Withstands Impact	?
~	Dimensional Stability	?
~	Won't Blister	?
~	Won't Crack	?

# Superior Product Performance

#### Chestnut Brown



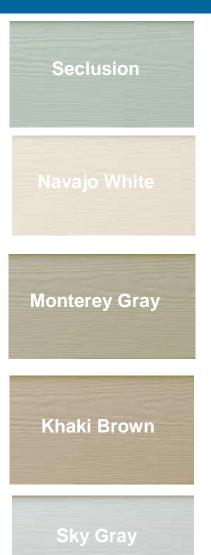




Sandstone



- > ColorPlus<sup>™</sup> pre-painted siding
  - Helps take share from vinyl
  - Lifts selling prices
  - Lifts margins



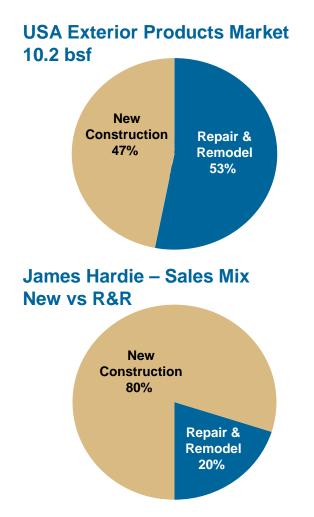


# Low Shares of Large Markets

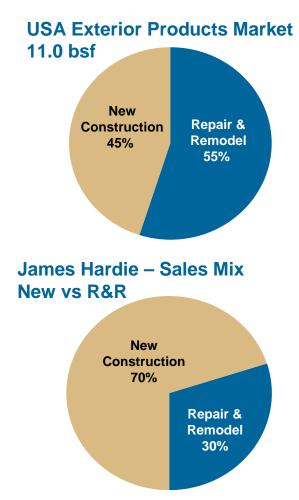
Product Category	Market Size (bsf)
New Construction	
- Siding, Fascia & Soffits	3.5
- Trim	1.3
Total New	4.8
Repair & Remodel	
- Siding, Fascia & Soffits	3.9
- Trim	1.6
Total R&R	5.4
Grand Total	10.2 bsf



# 8% Market Growth - R&R Growing Faster



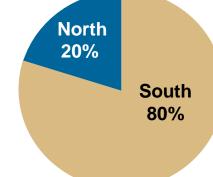
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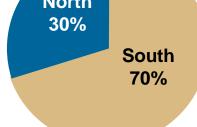
# **North Growing Faster**

Exterior Products 2002 James Hardie North/South Sales Mix





Exterior Products 2007 James Hardie North/South Sales Mix North





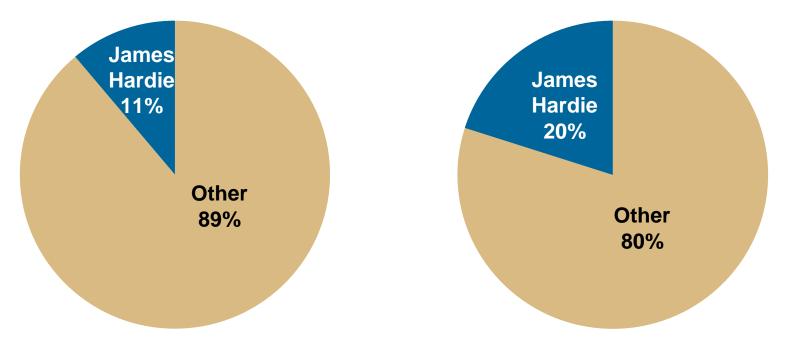
# **Overall Share Could Double in 5 Years**

#### **2002**

James Hardie Share USA Exterior Products Market 10.2 bsf

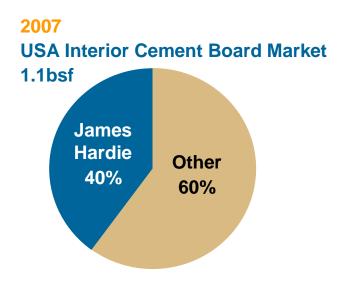
#### 2007

James Hardie Share USA Exterior Products Market 11.0 bsf



# **Backer Could Grow Even Faster**

2002 USA Interior Cement Board Market 0.95bsf James Hardie 20% Other 80%









# Australia/New Zealand





- > Grow the market
- > Increase category share
- > Higher value differentiated products
- > Streamline the organisation
- > Simplify the business
- > Lower delivered cost
- > Lower SG&A
- > Improve quality consistency
- > High performance culture
- > Increase revenue and margins



#### **Philippines and Asia**

- > Manufacturing plant commissioned 1999
- > YTD03 sales US\$13.2 million
- Fibre cement as substitute for plywood
- > 26% domestic market share
- > Exports to Korea, Taiwan and Hong Kong
- Establishing low cost regional manufacturing hub





#### Chile and South America

- > Manufacturing plant commissioned 2001
- > Low cost manufacturing, rapid market penetration
- > From zero base, our target is market leadership
- > 20% + share already achieved
- > Longer term, regional business planned in South America
- > Targeting US\$100 US\$200 million in sales in the long term







#### **Pipes**

- > USA manufacturing plant commissioned 2001
- Product has advantages over reinforced steel concrete pipes
- > Lower cost to make and install
- > Long term targets
  - national business
  - 4-5 manufacturing plants
  - large share of US\$2 billion market





#### Roofing

- > USA market entry planned
- > Development of fibre cement roofing technology
- > US roofing market 11 bsf (US siding market 10.2 bsf)
- > Initial target market 1.5 bsf
  - to compete with wood shake
  - superior durability and fire performance
- > US\$12m pilot plant being commissioned





#### **Longer Term**

- > Worldwide trend towards lightweight, framed construction and more energy-efficient materials
- Fibre cement replacing asbestos cement in the global cement board market (still 2/3rds asbestos cement)
- > Wood based products becoming more expensive
- > Oil based products (vinyl) becoming more expensive
- > Long term trends support further strong growth of fibre cement



# Long Term Financial Targets

#### **High Growth and Attractive Returns Targeted**

Revenue growth	> 15% p.a.
EBIT Margins	> 15%
ROA	> 15%



# Disclaimer

This presentation contains forward-looking statements. Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "predict," "forecast," "guideline," "should," "aim" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements. Forward-looking statements involve inherent risks and uncertainties. We caution you that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors, which are further discussed in our reports submitted to the Securities and Exchange Commission on Forms 20-F and 6-K and in our other filings, include but are not limited to: competition and product pricing in the markets in which we operate; general economic and market conditions; compliance with, and possible changes in, environmental and health and safety laws; dependence on cyclical construction markets; the supply and cost of raw materials; our reliance on a small number of product distributors; the consequences of product failures or defects; exposure to environmental or other legal proceedings; and risks of conducting business internationally. We caution you that the foregoing list of factors is not exclusive and that other risks and uncertainties may cause actual results to differ materially from those contained in forward-looking statements. Forward-looking statements speak only as of the date they are made.



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