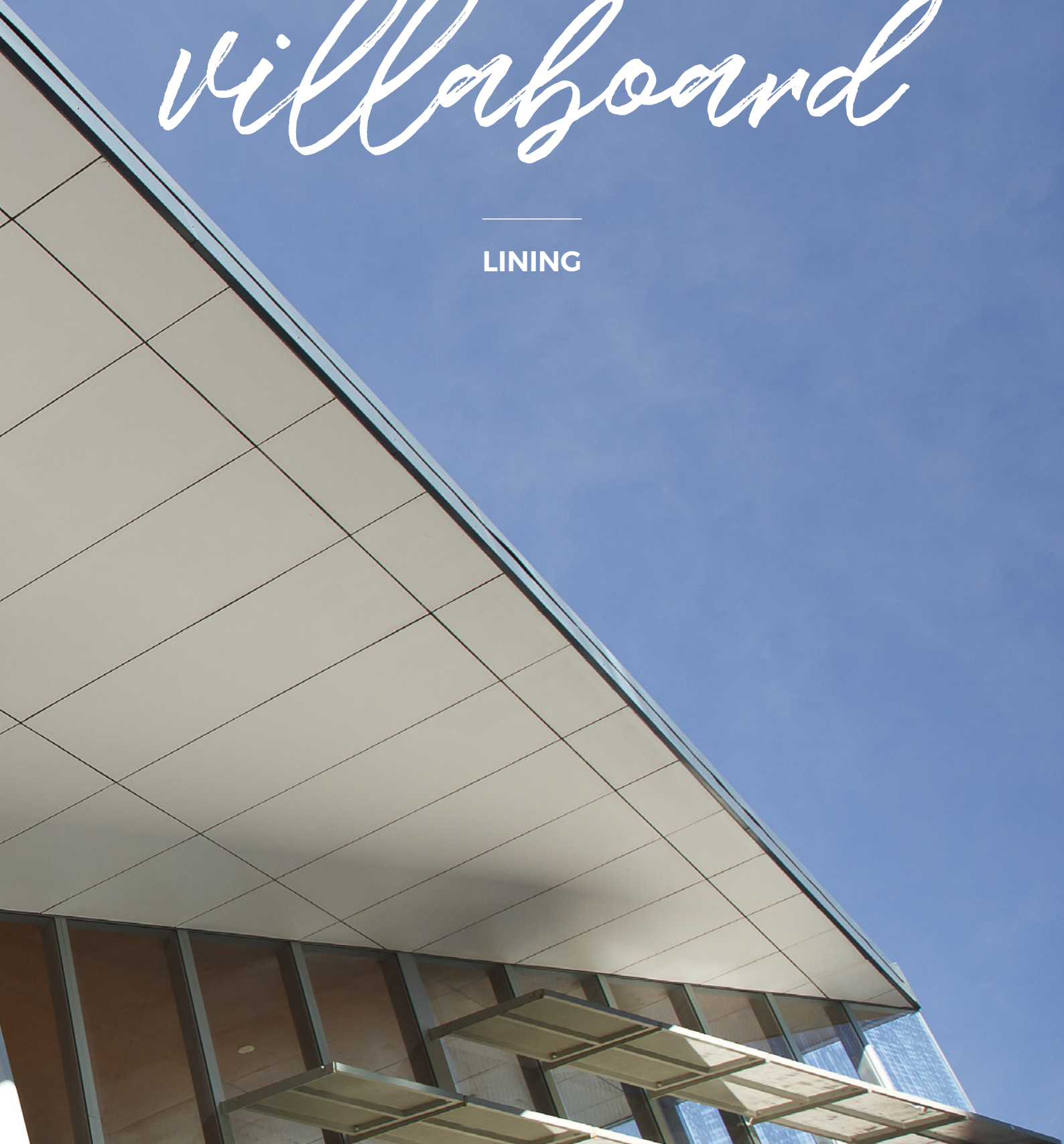


# *Villaboard*

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LINING





# Villaboard

## LINING

### PERFORMANCE THAT LASTS

Choosing the right internal wall lining material can make a lifetime of difference to a building's performance. Villaboard™ Lining is made from premium fibre cement board, designed specifically for bathrooms, laundries, kitchens, hallways, soffits and high traffic areas in residential and commercial buildings.

James Hardie create innovative, high performing and sustainable products that allow your internal wall lining to meet the durability requirements and create comfort inside any living space.

Villaboard™ Lining Under Tiles



# What is Fibre Cement?

Engineered for durability, fibre cement is resistant to fire and damage from moisture and rotting, making it the ideal low maintenance alternative to other wall linings. Fibre cement offers both contemporary and flexible design options and is used by many New Zealanders to create stunning homes.

The simple combination of locally sourced wood cellulose fibre, sand, cement and water, give the product its strength to stand the test of time.

# Internal LINING

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Wall linings are prone to knocks, bumps, scraping, rubbing and abrasion. The more exposure wall linings have to high traffic areas the higher the impact resistance is required to avoid ongoing costly maintenance and repairs. Villaboard Lining is durable, and is suitable for wherever impact resistance is needed, such as hallways and garages.



Villaboard™ Lining Under Tiles



Villaboard™ Lining

# Wet

## AREA LINING

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Choosing the right wet area wall lining can significantly reduce potential water damage. Moisture absorption impacts the structural integrity and durability of your wall, tile adhesion and potential for mould growth.

Villaboard Lining has an equally high resistance to moisture damage throughout the whole lining sheet, which ensures that Villaboard Lining won't deform or lose its structural integrity even if it is exposed to moisture making it perfect for use in laundry, bathroom and kitchen applications.



Villaboard™ Lining Under Tiles



Villaboard™ Lining Under Tiles

# Soffit

## LINING

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Villaboard Soffit Lining provides the seamless combination of modular concealed fixings and durable attractive coverage, bringing a smooth plastered look to your design. Tough enough for light commercial use, you can be confident that this fibre cement soffit lining will preserve the substantial investment that is your home, for years to come.



# Sheet

## SIZES

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### 2 EDGE RECESSED

LENGTH (MM)	WIDTH (MM)	THICKNESS (MM)
2400	1200	6 & 9
2700	1200	6 & 9
3000	1200	6 & 9

### 4 EDGE RECESSED

LENGTH (MM)	WIDTH (MM)	THICKNESS (MM)
2400	1200	6 & 9

### SQUARE EDGE

LENGTH (MM)	WIDTH (MM)	THICKNESS (MM)
2400	1200	6 & 9
3000	1200	6 & 9





# Features & BENEFITS



**IMPACT RESISTANT**  
Outstanding impact resistance, making it ideal where walls are prone to damage



**ACOUSTIC PERFORMANCE**  
Excellent acoustic performance, (suitable for an acoustically rated system. Density 1350kg/m<sup>3</sup>)



**15 YEAR WARRANTY**  
Backed with a 15 year product warranty



**SEMI-WET AREAS**  
Use in bathrooms, kitchens and laundries



**STRUCTURAL BRACING**  
Suitable as structural bracing for buildings (within the scope of NZS 3604 up to and including extra high wind zones)



**EASY TO PAINT**  
Creates a seamless flat surface which can be finished with paint, wallpaper or vinyl to provide a variety of looks



**FIRE RESISTANT**  
Fire protection with up to 60 minute fire resistance when used as part of a fire rated system



**EASY TO INSTALL**  
Recessed edges for easy install. Score & snap with HardieKnife™, speeding up installation time

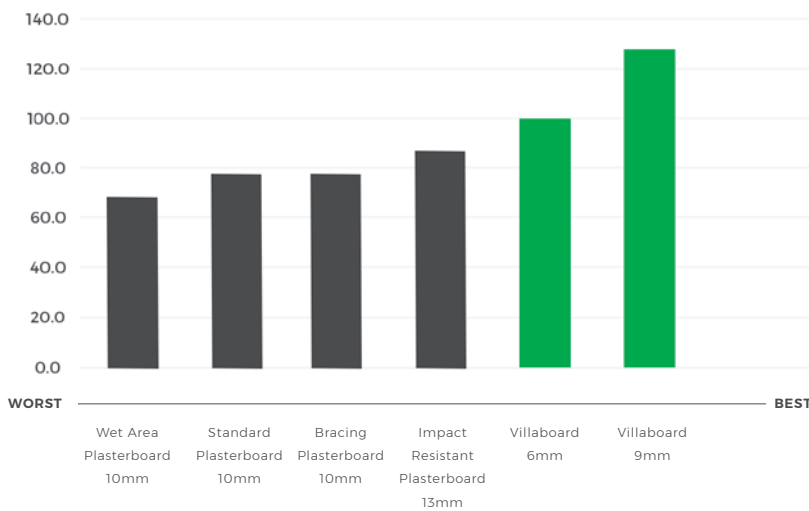


**TILE DIRECT**  
You can finish with tiles, applied direct to the surface

# Technical

## INFORMATION

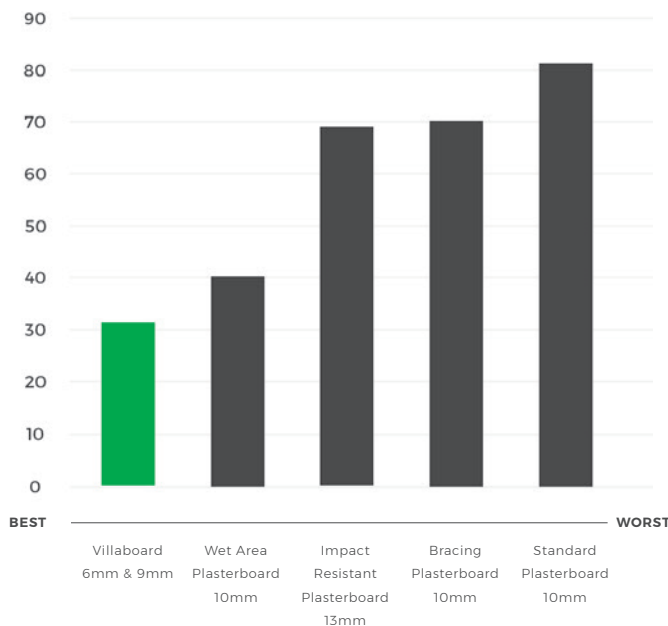
### HARD BODY IMPACT AVERAGE FAILURE DROP HEIGHT



Test based on BS/EN 1128:1996

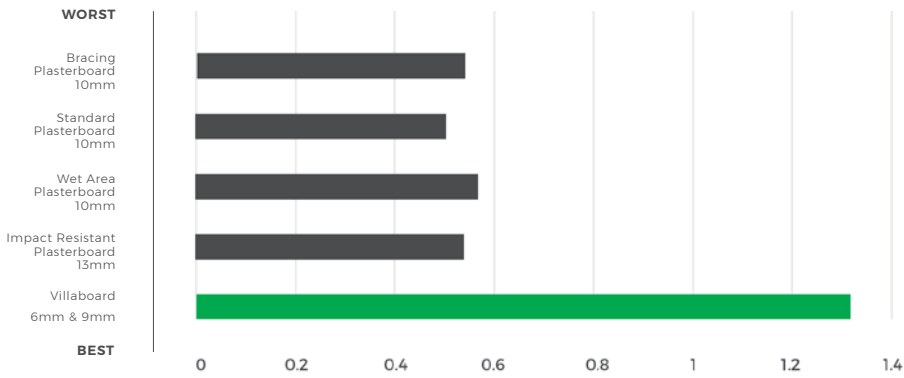
Villaboard Lining's resistance to hard body impact is much greater than other commonly used materials. It was also observed that the area of damage was larger on the impact of other substrates than was observed on Villaboard Lining (where it was confined to an easily repairable crack or small indentation). Again, this is due to Villaboard Lining's uniformly strong composition.

### 48 HOUR WATER ABSORPTION %



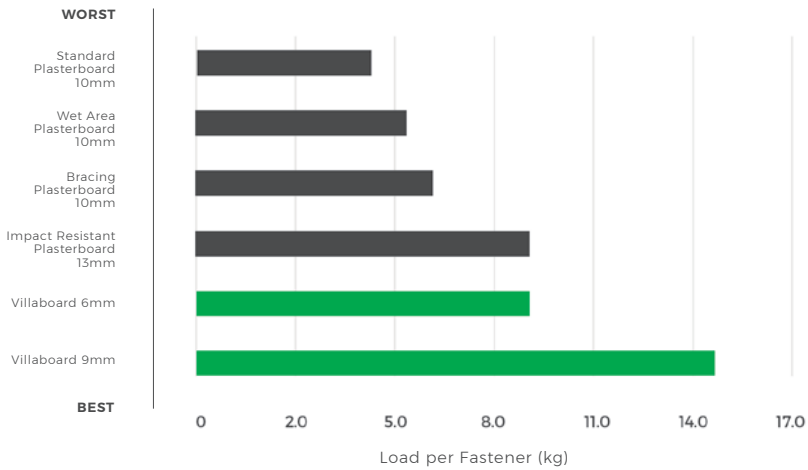
Tested at the James Hardie Research and Development Centre based on 48 hour water absorption of the substrate lining.

## TILE ADHESION



The Standard AS2358 - 'Adhesives - For fixing ceramic tiles', states that a tile adhesive must produce greater than or equal to 0.5MPa (ultimate stress). Compared to the other commonly available materials, Villaboard Lining has greater tile adhesion and hold capacity in dry conditions.

## HANGING POWER - EVL



9mm Villaboard lining was the clear top performer providing excellent hanging power without the need to install an additional layer of wall lining or framing.

All tests were conducted in 2013 at the NATA accredited James Hardie Research and Product Development Centre Rosehill NSW Australia, using New Zealand made products.

Test based on ETAG-003



# Villaboard

LINING

[jameshardie.co.nz](http://jameshardie.co.nz)



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