

# Hardie® Panel Facade cladding



**VALUE FOR MONEY: HARDIE® PANEL FACADE CLADDINGS COMBINE A MODERN LOOK, LONG DURABILITY AND AFFORDABILITY**

## PRODUCT

Hardie® Panel: 8mm thick, large size and weather resistance facade panels made from fibre cement with coloured surface.

The James Hardie fibre cement is made of Portland cement, milled sand, cellulose fibres, water and selected additives.

## APPLICATIONS

Purposely designed as an external cladding for residential and commercial buildings in both new build and renovation. Hardie® Panel cladding is a ventilated rainscreen system fixed to a main substrate of timber frame, metal frame or masonry wall construction.

Hardie® Panel cladding can be installed horizontally and vertically, with or without insulation.

## APPROVALS

- Fibre cement panels according to EN 12467
- Type A, class 2
- Easy installation - Cutting with Hardie™ Blade saw blade

## PROPERTIES

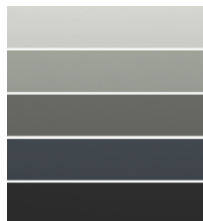
Material characteristics	
Gross Density	~ 1300 kg/m <sup>3</sup>
Mass per unit area	11,2 kg/ m <sup>2</sup>
Thermal conductivity	$\lambda_{10, tr} = 0,23$ W/mK
Thermal resistance	$R_{10, tr} = 0,035$ m <sup>2</sup> K/W
Flexural strength (as per EN 12467)	Dry: 15,5 MPa at right-angles to fibre direction 10,1 MPa parallel to fibre direction  Saturated: 11,5 MPa at right-angles to fibre direction 7,5 MPa parallel to fibre direction
Water absorption (as per DIN 52103:1988-10, Method A):	30 %
Young's modulus	6200 N/mm <sup>2</sup>
Linear Strain	≤ 0,05 mm/m*

\* between 30 % and 90 % rel. humidity

Dimensional tolerance for equilibrium moisture content for standard panel sizes	
Thickness	8 mm
Size	3048 mm x 1220 mm
Length tolerance	± 5 mm
Width tolerance	± 3,66 mm
Thickness tolerance	± 0,8 mm

## TEXTURES & COLOURS

- Artic White
- Iron Grey
- Grey Slate
- Anthracite Grey
- Midnight Black
- Custom Colour



## STORAGE

25 panels stacked on wooden pallets, packed with a protective film against environmental impact. Outdoor storage is possible due to frost resistance of the product. A film cover must be used for protection against moisture and dirt.

## DISPOSAL

Disposal as per local regulations for concrete / fibre cement

## WARRANTY

15 years as per warranty statement

## ADDITIONAL INFORMATION AND DISCLAIMER

Our recommendations are based on extensive tests and practical experience. They do not replace guidelines, standards, approvals, and applicable technical data sheets. Due to the multitude of possible influences during processing and application, we recommend testing the processing and application prior to installation.

However, because of factors that fall beyond James Hardie's knowledge and control, which can affect the use of the products, no warranty is given or implied with respect to such information. James Hardie's policy is one of continuous improvement. James Hardie therefore reserves the right to alter specifications at any time and without notice. Delivery, processing, and warranty for the properties guaranteed by us are carried out in accordance with our General Terms and Conditions.