HardiePlank® Fibre Cement Cladding

HardiePlank® cladding is an 8 mm thick weatherboard plank made from the advanced, durable material fibre cement. Fibre cement comprises Portland cement, milled sand, cellulose fibres, water and selected additives.

Available in 21 colours and two textures, cedar and smooth.

Applications

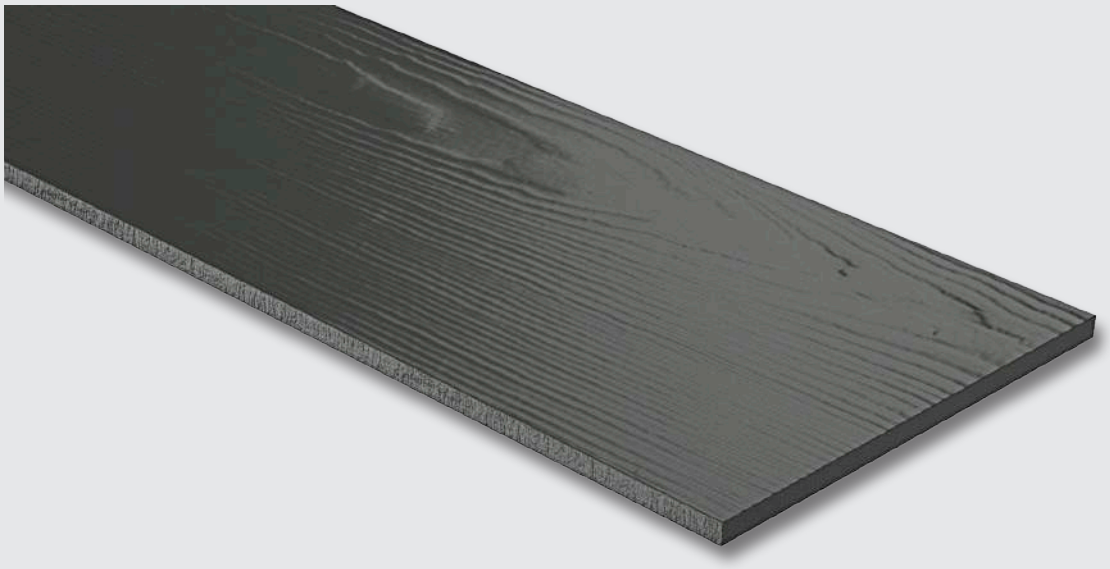
Purposely designed as an external cladding for both new build and renovation projects or as an accent wall.

Approvals

- Fibre cement panels according to EN 12467 - Type A, class 2
- BBA certified 04/4147

Properties

- Fibre cement panels as per DIN EN 12467
  – Class 2, category A
- Easy to cut
  – Cutting with HardieGuillotine™ or HardieBlade™ saw blade (suitable for most cable- or battery-powered circular saws)
- Decorative strips: HardieTrim NT3™, MetalTrim™



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Material characteristics	
Gross density	~ 1300 kg·m^{-3}
Mass per unit area	11·2 kg·m^{-2}
Thermal conductivity	λ10.tr = 0·23 W/(m · K)
Thermal resistance	R10.tr = 0·024 (m2K)/W
Flexural strength (as per EN 124670	After dry storage: > 10 MPa After wet storage: > 7 MPa
Linear strain	⩽ 0·05 mm/m*

* betw. 30 % and 90 % RH

Dimensional tolerance for equilibrium moisture content for standard panel sizes	
Panel thickness	8 mm
Panel sizes	3600 mm x 180 mm
Length tolerance (as per EN 12467)	± 5 mm
Width tolerance (as per EN 12467)	± 3 mm
Thickness tolerance (as per EN 12467)	"Smooth" version ± 0·8 mm "Cedar" wood structure version – 0·8 mm / + 1·2 mm

Surfaces

Visible side with colour coating (ColourPlus™ technology); with the "Smooth" version, the surface is slightly undulating; with the "Cedar" wood structure version, the surface is decorated with a wood structure. Rear side slightly roughened, possible colour residues.
Colour of panel material: light grey

Storage

Packaged lying flat on pallets and stored preferably indoors where dry, away from weather influences. Product stored outside must be covered with a waterproof covering in addition to the product wrapper to avoid contact with water and dust. If wet, the product cannot be installed.

James Hardie is not responsible for damage caused by improper storage and handling of the product.

Cutting

With HardieGuillotine™ or circular saw with HardieBlade™ saw blade, cut-outs with jigsaw or hole saw, fitted with hard or bi-metal or diamond.

If boards are cut to size on site, the edges must be sealed with HardieSeal™ edge coating prior to install.

Substructure distance	
Wall	⩽ 600 mm

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Disposal

Waste key (EWC) 17 01 01 (concrete)

Additional information

Our recommendations are based on comprehensive tests and practical experience. They do not replace applicable directives, standards, approvals or relevant technical notices. Due to the large number of possible influences during processing and use, we recommend processing and application on a sample. No liability of any kind is accepted for the information provided. Delivery, order processing and guarantee of the properties stated by us are subject to our General Terms and Conditions of Business.

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