Design flexibility that's affordable. With James Hardie, **It's Possible™**

Hardie® Panel

Hardie® Architectural Panel

JamesHardie™

Hardie® Panel and Hardie® Architectural Panel
are independently EPD certified
for the full product lifecycle.

The ecobau institute in Switzerland has confirmed that Hardie®
Panel is fulfilling the highest requirements concerning ecological
performance by awarding the highest possible certificate of eco-1.

IT'S POSSIBLE

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IT'S POSSIBLE™

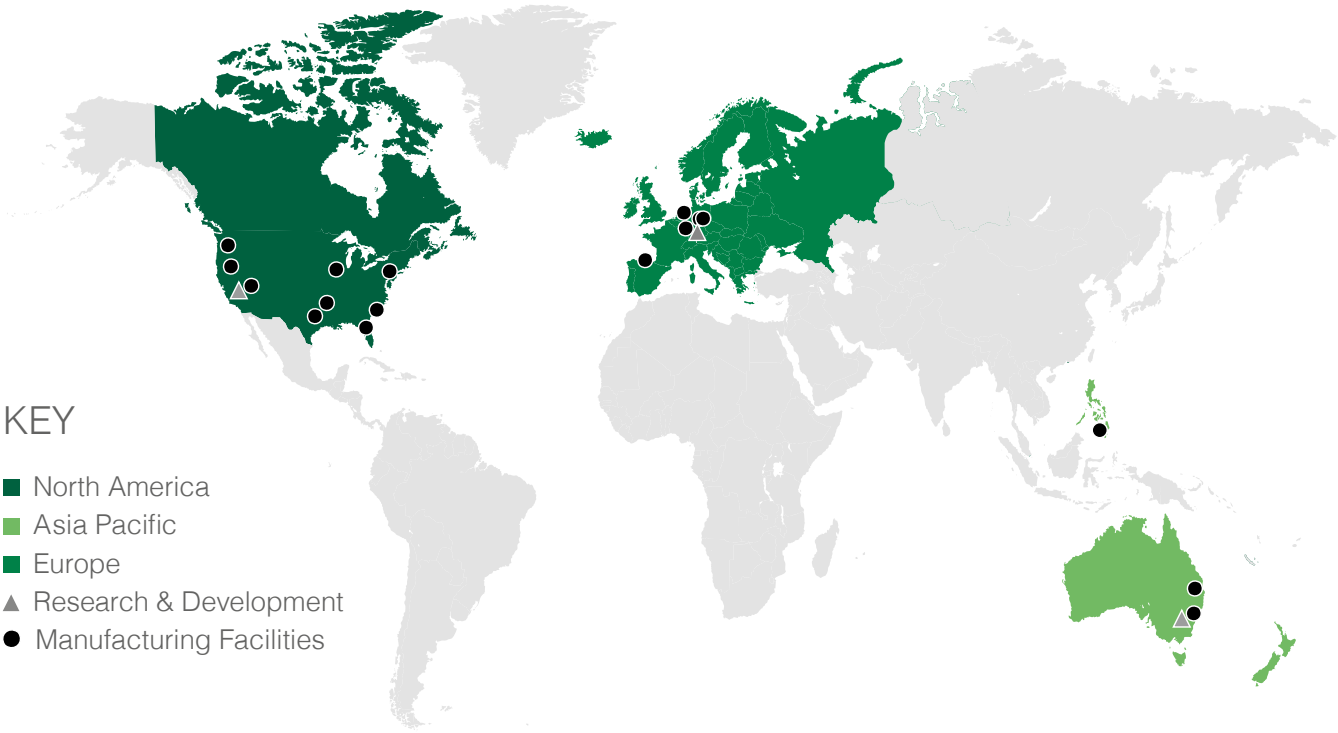
James Hardie™

James Hardie leading the manufactuere of high-performance fibre cement and fibre gypsum building solutions. As the trusted innovator and industry leader we empower homeowners and building professionals alike to achieve their dreams with premium quality solutions.

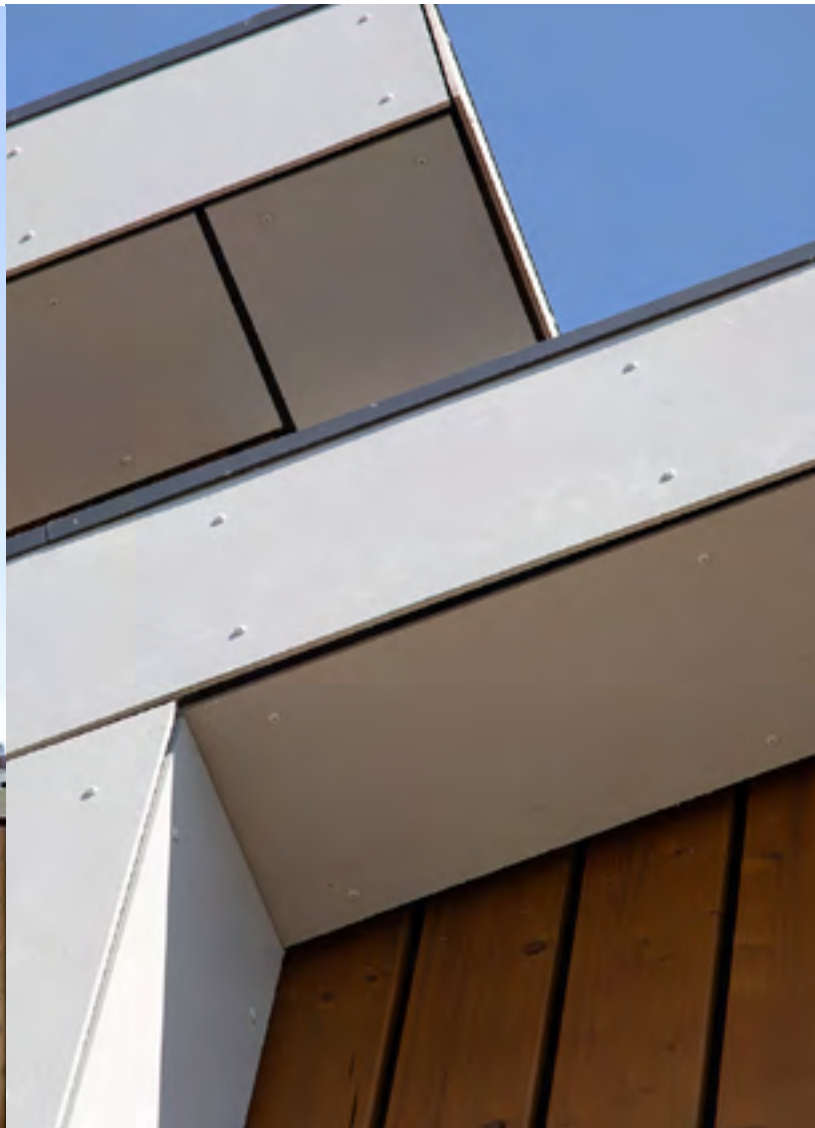
Our products enable endless possibilities for designing forever homes and exceptional buildings, whilst also delivering trusted protection and long-lasting beauty.

We are a fast-paced company dedicated to our customers. We strive to deliver market driven innovation, an inclusive and empowering culture, and an unwavering commitment to our Zero Harm safety initiative. Whilst operating with a global mindset, we put great care into how our business can support the local communities in which we operate, live and work in.

Our cladding products not only create a stylish stand-alone solution, but also look great with other building materials such as stone, wood and brick, making design potential endless. We will provide sustainable solutions for your project, giving you affordable, individual designs, energy efficiency and everything you need to ensure your project looks stunning for years to come.



Build your projects with a global organisation that's been pursuing excellence since 1888.



A2 FIRE RATED PERFORMANCE
THAT'S AFFORDABLE

With James Hardie. It's Possible™

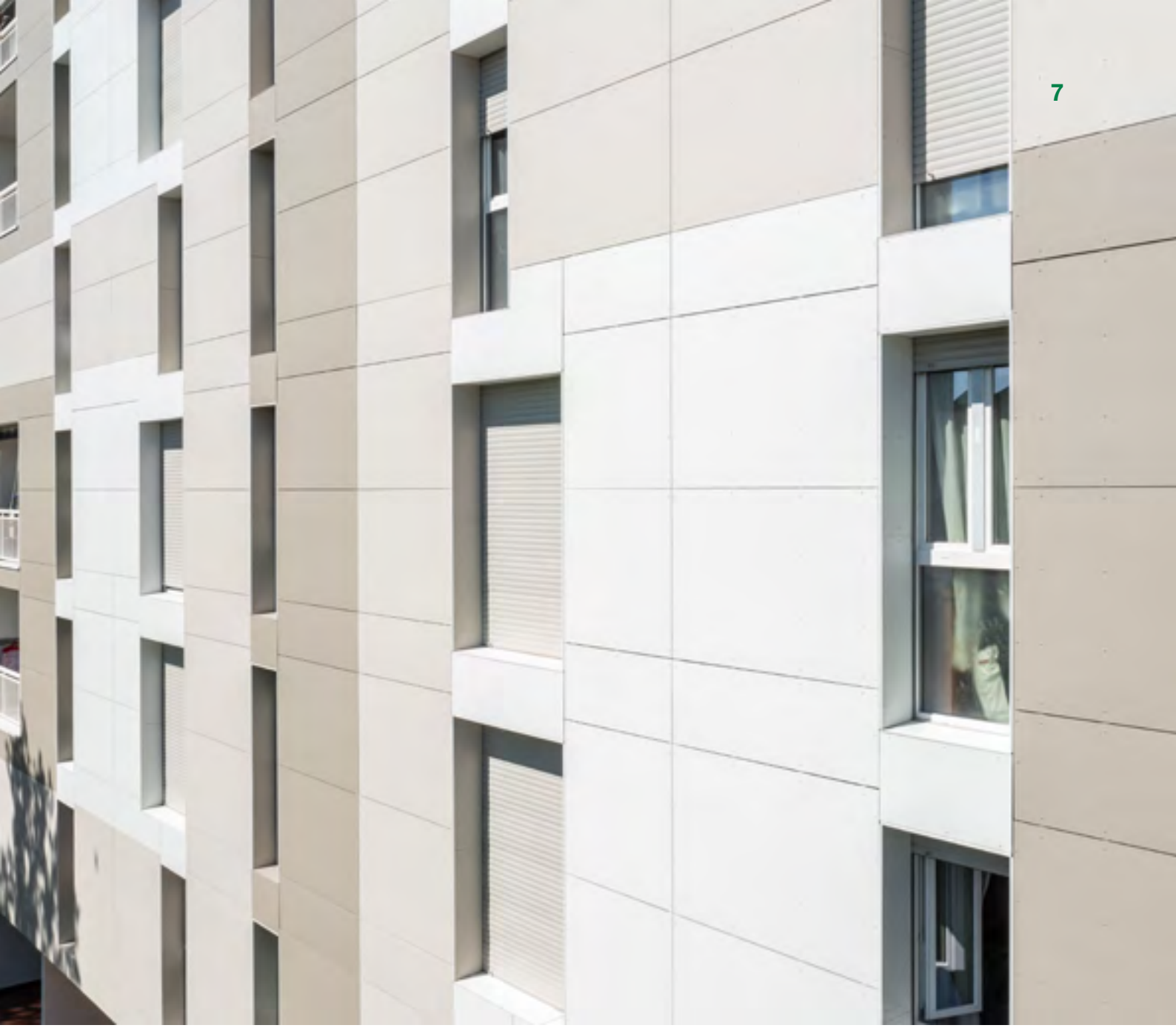
If you are looking for high performance, A2 fire-rated facade claddings at an affordable price – Hardie® Panel products are the right choice for your next project.

Whatever look you choose, you know you're getting the strength and durability your clients deserve – making it a smart and cost-effective solution for any project.

A2
fire-rated

15 Year
Warranty

ECO PLATFORM
EPD
VERIFIED



Ease of Mind

Our cladding products are backed by an A2 fire-rating and an industry leading 15-year warranty.

Affordable Performance

With unmatched price performances, we bring design and value to every project.

Design Flexibility

A choice of textures and custom colour will enable you to build modern, contemporary designs.

Hardie® Panel

HARDIE® ARCHITECTURAL PANEL

Metallics

HARDIE® ARCHITECTURAL PANEL

Brushed Concrete

HARDIE® ARCHITECTURAL PANEL

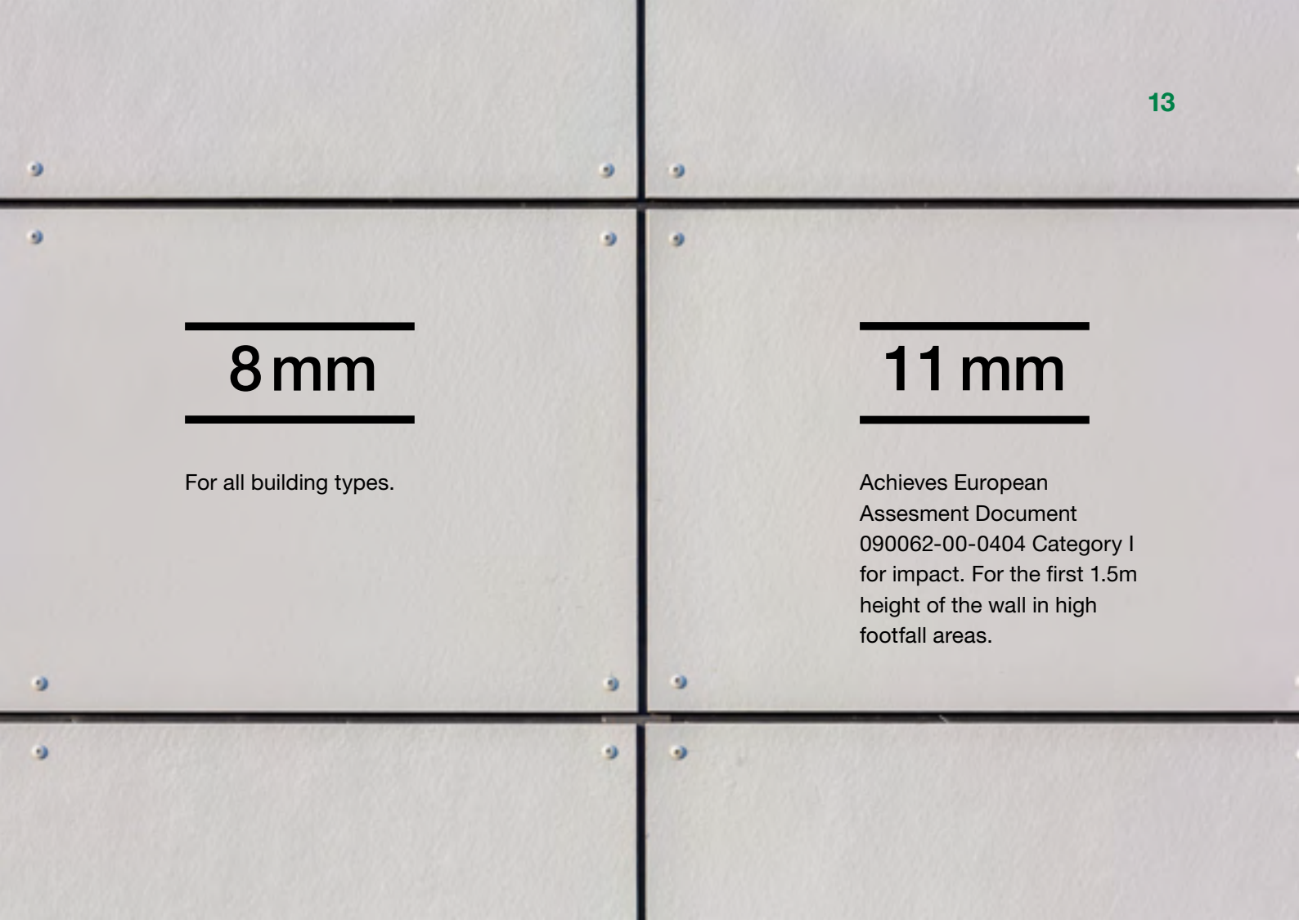
Smooth Sand

YOUR GO-TO SOLUTION FOR SUSTAINABLE FACADES

Building a better future for all™

Hardie® Panel and Hardie® Architectural Panel are medium-density fibre cement panels, specifically engineered to meet the European climate conditions for external cladding.

With their unmatched design flexibility in combination with affordability, they are the go-to ventilated facade cladding solution for renovation or new build. Not only built to last, they are also optimised for low resource use and related CO_2 emissions, setting new sustainability standards.



8 mm

For all building types.

11 mm

Achieves European Assesment Document 090062-00-0404 Category I for impact. For the first 1.5m height of the wall in high footfall areas.

Endless design possibilities

Hardie® Panel and Hardie® Architectural Panel are some of the most innovative products when it comes to fibre cement facade cladding.

They not only impress with performance but are also a real design all-rounder: pick any of our amazing colours or your individual colour, choose a texture, and make every project individual.

Hardie® Panel comes in a natural fibre cement surface. Hardie® Architectural Panel is available in two textures, Brushed Concrete, and Smooth Sand. All of the textures are available in 6 standard colours and custom colour.

An outstanding solution

Hardie® Architectural Panel Metallics combines the look of a fibre cement facade cladding with a special metallic look that comes in 6 metallic colours.

Application

Hardie® Panel and Hardie® Architectural Panel can be used in rainscreen facades and soffits, fixed to either timber, metal sub-frames or masonry walls using corrosion resistant fixings.

SMART SUSTAINABILITY
MEETS DESIGN FLEXIBILITY

Hardie® Architectural Panel

Technical values

Thickness	8 mm	11 mm
Length*	Raw: 3048 mm Net: 3038 mm	
Width*	Raw: 1220 mm Net: 1210 mm	
Density	~ 1300 kg/m³	
Weight	10,2 kg/ m²	14,4 kg/m²
Thermal conductivity	$\lambda_{10,tr}$ = 0,23 W/mK	
Thermal resistance	$R_{10,tr}$ = 0,035 m²K/W	$R_{10,tr}$ = 0,048 m²K/W
Flexural strength (as per EN 12467)	17,8 MPa perpendicular to fibre direction 11,4 MPa parallel to fibre direction	17,0 MPa perpendicular to fibre direction 11,8 MPa parallel to fibre direction
Modulus of elasticity	5100 N/mm²	
Linear Strain	≤ 0,5 mm/m*1	
Impact Resistance (soft and hard impact as per EAD 090062-00-0404)*2	–	Category 1 (H1-3, S1-4)

A2
fire-rated

15 Year
Warranty

ECO PLATFORM
EPD
VERIFIED

* trimming of 5 mm per side is recommended for squareness
*1 between 30 % and 90 % rel. humidity
*2 on timber aluminum steel and NV3

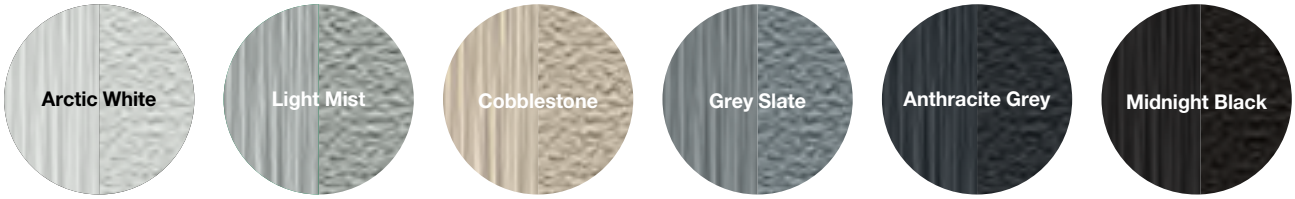
TEXTURE & COLOUR

Hardie® Architectural Panel

Hardie® Architectural Panel is available in two textures: Smooth Sand and Brushed Concrete. These textures will enable you to build modern, contemporary designs – specifically formulated to give you a long-lasting and low maintenance, consistent finish for years to come.

A modern look

Our standard colourrange gives a choice of minimalistic white, grey beige or black tones to choose from. Pure one coloured facades or a combination of them will give your building a unqiue, modern and clean style. And for an even more individual aestehtic look you can request your individual custom colour on each of our surfaces.

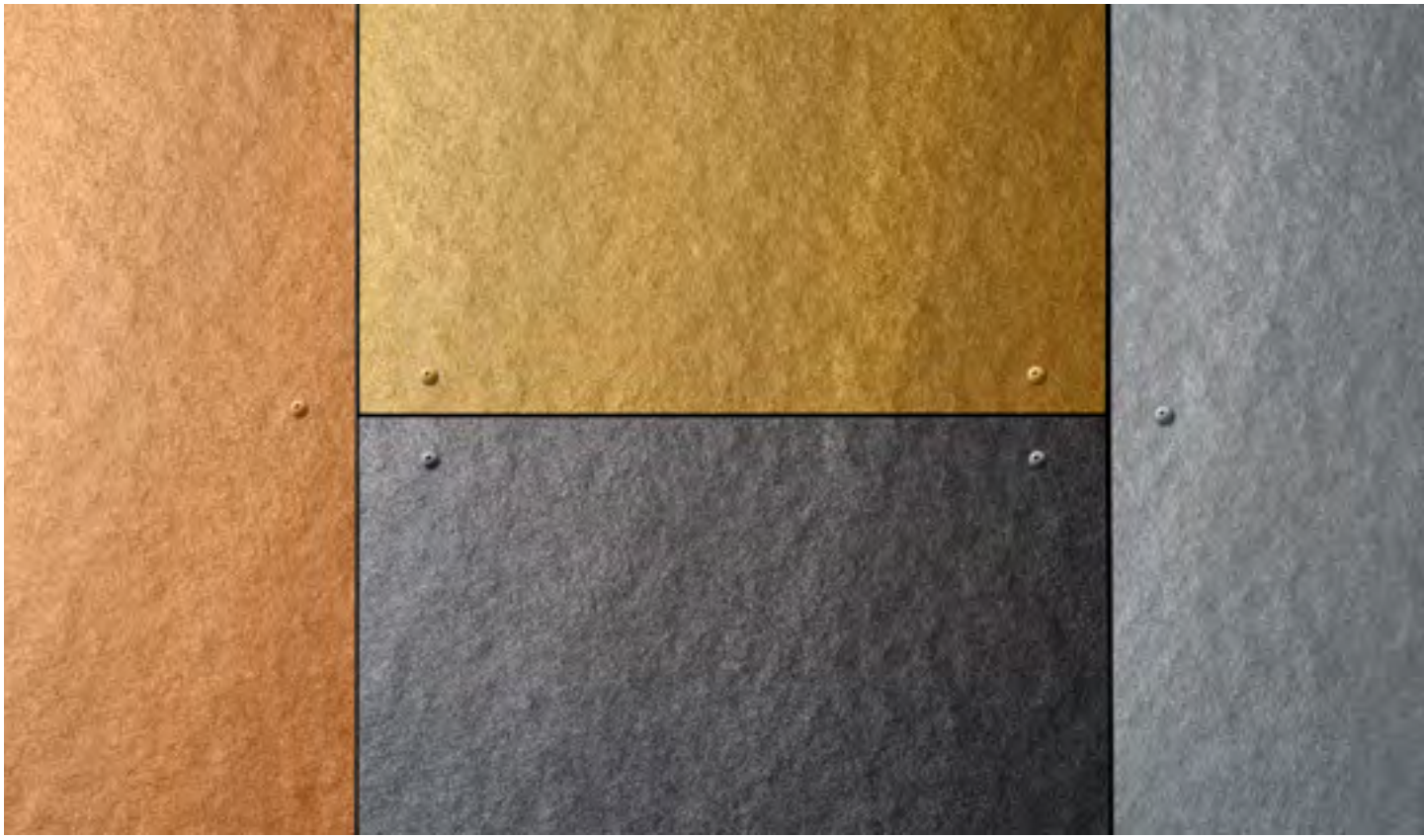


Custom colour

Not the right colour for you? Hardie® Architectural Panel is available in custom colour – choose from your favourite colour systems like RAL or NCS – for unique buildings and maximum design flexibility.

UNIQUE FIBRE CEMENT TEXTURE
WITH A METALLIC LOOK

Hardie® Architectural Panel Metallics



Technical values

Thickness	8 mm	11 mm
Length*	Raw: 3048 mm Net: 3038 mm	
Width*	Raw: 1220 mm Net: 1210 mm	
Density	~ 1300 kg/m³	
Weight	10,2 kg/ m²	14,4 kg/m²
Thermal conductivity	$\lambda_{10,tr}$ = 0,23 W/mK	
Thermal resistance	$R_{10,tr}$ = 0,035 m²K/W	$R_{10,tr}$ = 0,048 m²K/W
Flexural strength (as per EN 12467)	16,0 MPa perpendicular to fibre direction 11,1 MPa parallel to fibre direction	17,7 MPa perpendicular to fibre direction 11,9 MPa parallel to fibre direction
Modulus of elasticity	6200 N/mm²	
Linear Strain	≤ 0,5 mm/m*1	
Impact Resistance (soft and hard impact as per EAD 090062-00-0404)*2	–	Category 1 (H1-3, S1-4)

A2
fire-rated

15 Year
Warranty

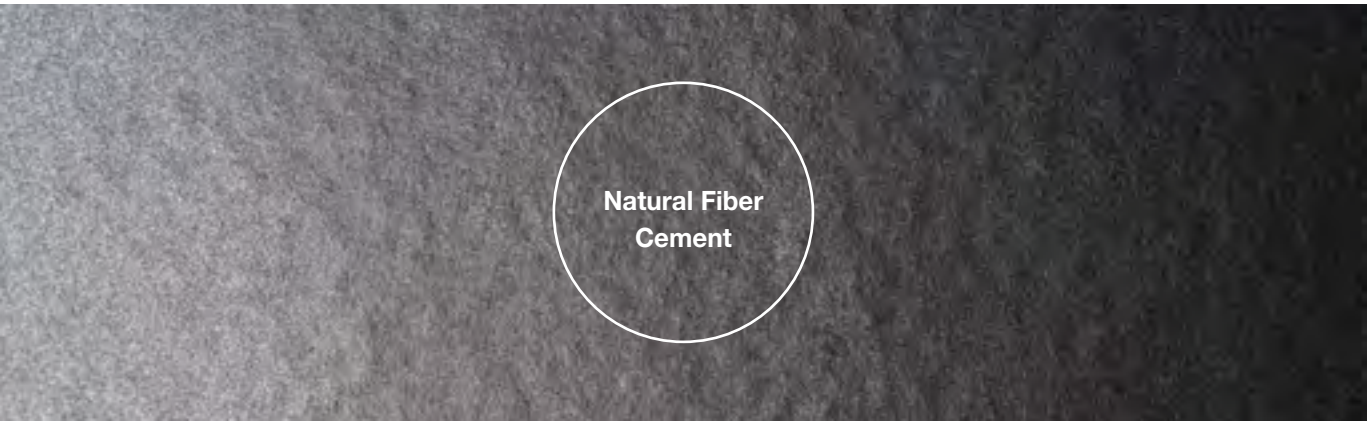
ECO PLATFORM
EPD
VERIFIED

* trimming of 5 mm per side is recommended for squareness
*1 between 30 % and 90 % rel. humidity
*2 on timber aluminum steel and NV3

TEXTURE & COLOUR

Hardie® Architectural Panel Metallics

Your perfect match: Hardie® Architectural Panel Metallics combines the advantages of fibre cement facade cladding with a metallic look. Elevating your design flexibility to a new level.



Setting accents

Our Metallics colourline has been inspired by typical metal materials, combining them with the unique look of our fibre cement surface.

When exposed to natural sunlight, the facade panel will show its metallic sparkling, allowing you to integrate special accents to your building.

MEDIUM DENSITY FIBRE CEMENT
ENGINEERED FOR EUROPEAN CLIMATE

Hardie® Panel

Technical values

Thickness	8 mm	11 mm
Length*	Raw: 3048 mm Net: 3038 mm	
Width*	Raw: 1220 mm Net: 1210 mm	
Density	~ 1300 kg/m³	
Weight	10,2 kg/ m²	14,4 kg/m²
Thermal conductivity	$\lambda_{10,tr}$ = 0,23 W/mK	
Thermal resistance	$R_{10,tr}$ = 0,035 m²K/W	$R_{10,tr}$ = 0,048 m²K/W
Flexural strength (as per EN 12467)	16,0 MPa perpendicular to fibre direction 11,1 MPa parallel to fibre direction	17,7 MPa perpendicular to fibre direction 11,9 MPa parallel to fibre direction
Modulus of elasticity	6200 N/mm²	
Linear Strain	≤ 0,5 mm/m*1	
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A2
fire-rated

15 Year
Warranty

ECO PLATFORM
EPD
VERIFIED

* trimming of 5 mm per side is recommended for squareness
*1 between 30 % and 90 % rel. humidity
*2 on timber aluminum steel and NV3

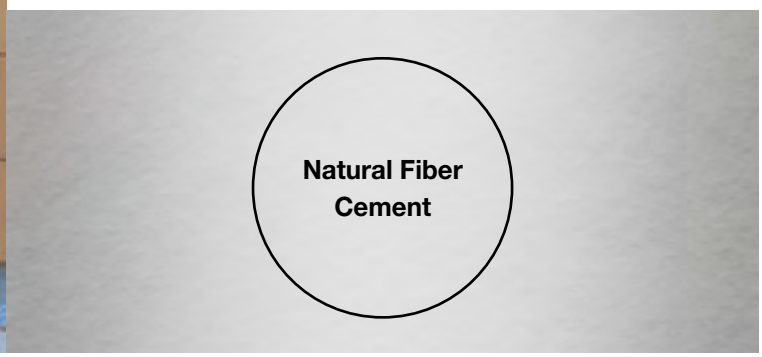
TEXTURE & COLOUR

Hardie® Panel

Hardie® Panel is available in a natural fibre cement texture and a variety of core colours – and if you need something special, you can choose from almost any colour – for your individual design.

At James Hardie, we continuously work on making our products better and ensure our systems to solve versatile design and installation requirements.

Our next generation Hardie® Panel features state-of-the-art coating technology, providing a more resistant finish. This enhancement allows for easier handling during fabrication and installation whilst also simplifying the cleaning of dust from cutting and drilling. The coating perfectly complements the natural fibre cement texture, offering a smoother look and feel.



Modern colours for clean lines

For your individual look, you can play with one of our standard colours from the modern colourline we offer. Or further upgrade your building by adding in or chosing your individual custom colour.

Custom colour

Not the right colour for you? Hardie® Architectural Panel is available in custom colour – choose from your favourite colour systems like RAL or NCS – for unique buildings and maximum design flexibility.

Hardie™ Panel MetalTrim™

Length: 3 000 mm, for exterior corners. Available in all standard colours to match the Hardie® Panel range.

Hardie™ Seal edge coating

Essential for optimum installation. Use for coating cut ends to ensure long lasting performance of the facade.

Hardie™ Fixed point sleeve

Aluminium fixed point sleeve in 9,4 x 6 mm for centric insertion of the fixings.

Hardie™ Panel Rivet

with stainless steel rivet mandrel for the installation of Hardie® Panel cladding to metal sub-frames.

Hardie™ Panel screws for timber

A2 stainless steel screws for attaching the Hardie® Panel cladding to wooden sub-frames.

Hardie™ Centralising Tool

Used on pre-drilled panel to ensure a concentric hole is drilled in the aluminium behind the panel.

FINISHING TOUCHES

A reliable System

Hardie™ Panel Conceal Anchor

Has been specifically designed for our 11 mm thick facade panel for secret fixing.

Hardie™ Panel Conceal Tools

The Hardie™ Panel Conceal Stopping drill, setting tool and test mandrel should be used to secret fix the conceal anchor on Hardie Panel 11 mm.

Our accessories were developed for easy installation and perfectly complement to our Hardie® Panel cladding range, providing an overall system you can rely on.

Hardie™ Panel MetalTrim™ profiles are the perfect finish for a modern facade with accessories that fit the panel colour perfectly, by creating a nice contrast with colour-headed fixings and profiles. Colour matched rivets or screws can also be sourced for your project.

THE BEST

Expertise on your Side

Our dedicated team of Hardie® Panel experts have extensive experience and specialist knowledge to support your project so contact us to see how we can help meet your requirements. Trust our fibre cement products knowing that you have made the best choice.

Chose your fixing system:

Hardie® Panel facade claddings can be used with most standard fixing systems on the market. Contact our team for further technical details on the solutions.

Hardie® Panel
Screw Fixing

Hardie® Panel
Rivet Fixing

Hardie® Panel
Secret Fix

INNOVATIVE PRODUCT DESIGN MEETS

Smart Sustainability

Hardie® Panel and Hardie® Architectural Panel facade claddings are setting new sustainability standards in facade cladding for CO_2 and use of resources – EPD verified.

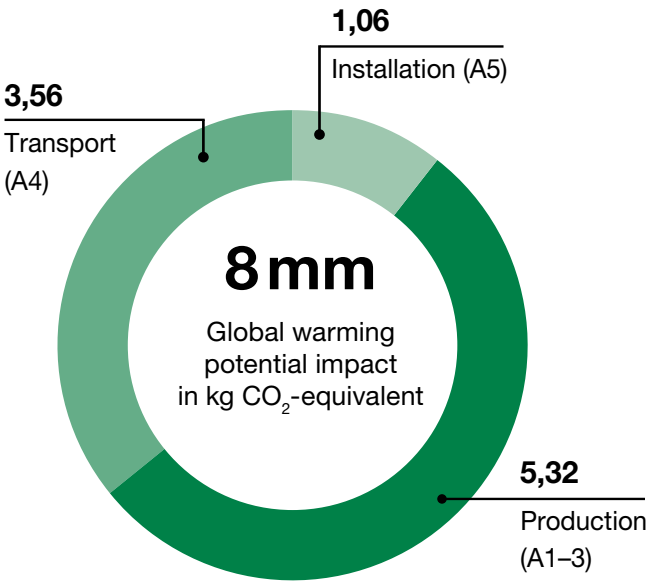
Innovative Medium Density for European Climate

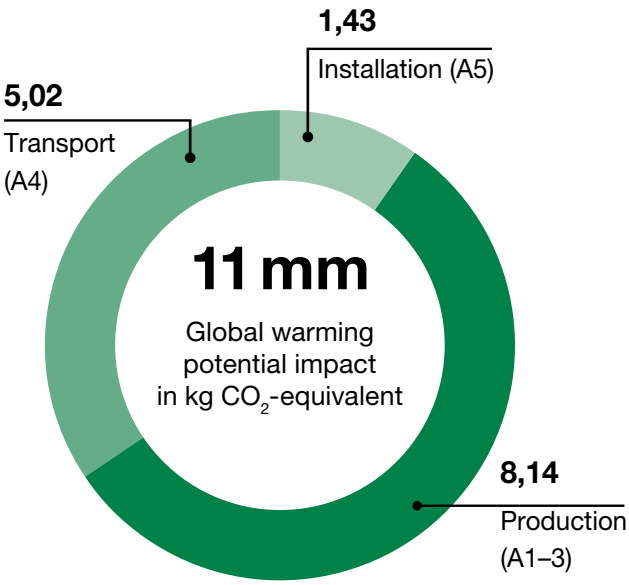
For our advanced generation of products, we use medium density fiber cement that minimizes resoruce and CO_2 levels.

Perfectly adapted to the European climate. Perfect suitability for all applications.

- **Smart sustainability** meets endless design possibilities
- **Lowest global warming potential** amongst non-combustible facade materials*
- **Unique technology** engineered for durability in European climate

Total lifecycle emissions for all Hardie® Panel Products[1]





INNOVATIVE PRODUCT DESIGN MEETS

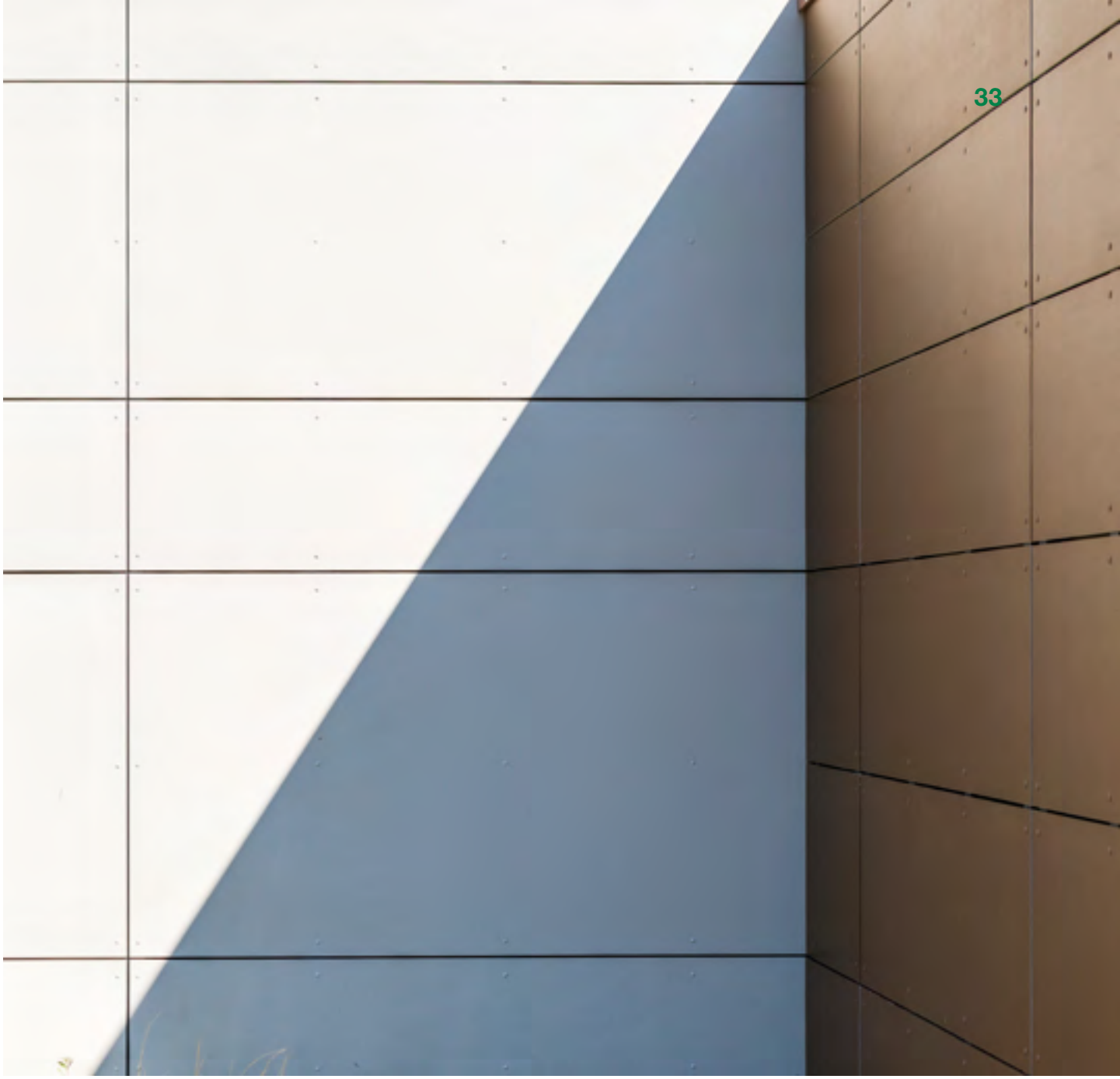
Technical Information

Composition

Hardie® Panel cladding products are made of Portland cement, milded sand, cellulose fibres, water and selected additives.

Quality & Certification

The production of Hardie® Panel cladding is audited annually by external auditors. Hardie® Panel cladding product specifications and classifications comply with EN 12467:2012 and EN13501-1.



Squareness

The panels are supplied square and straight according to EN12467 – level 1. Trimming of 5mm recommended for optimum squareness

Applications

Purposely designed as an external cladding for residential and commercial buildings in both new build and renovation. Hardie® Panel is a cladding material for rainscreen systems 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.

Sub-Frame

Hardie® Panel cladding can be installed on timber, aluminium or steel sub-frames using corrosion resistant screws or rivets.

Easy installation

Cutting with Hardie™ Blade saw blade, suitable for most cable- or battery-powered circular saws.

Approvals

Construction material class as per EN 13501-1: has a fire classification of A2-s1,d0.

Properties

Fibre cement panels according to EN 12467 – Type A, class 2.

INNOVATIVE PRODUCT DESIGN MEETS

Project Support

Our dedicated team of Hardie® Panel experts have extensive experience and specialist knowledge to support your project. Trust our fibre cement products knowing that you have made the best choice. Contact them using the QR code below to see how we can help meet your requirements.

Contact your individual Hardie® Panel expert:
jameshardie.eu/contact

Find all technical documents:
www.jameshardie.eu/downloads

Order your Hardie® Panel sample now:
www.jameshardie.eu/panel-sample-request

Custom colour

Chosing individual colours for your projects gives you unlimited design flexibility. How will your next project with Hardie(R) Panel facade panels look like?

You will find the latest version of this brochure in digital form on our website. Technical modifications subject to changes. Should you require additional information, please contact our customer service. All products are guaranteed for 15 years. Further information on our guarantee promise can be found on our website.

Last updated 05/2025

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TÄLLIOY

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JHEU-120-00003/st

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