

Cladding

for creative architecture



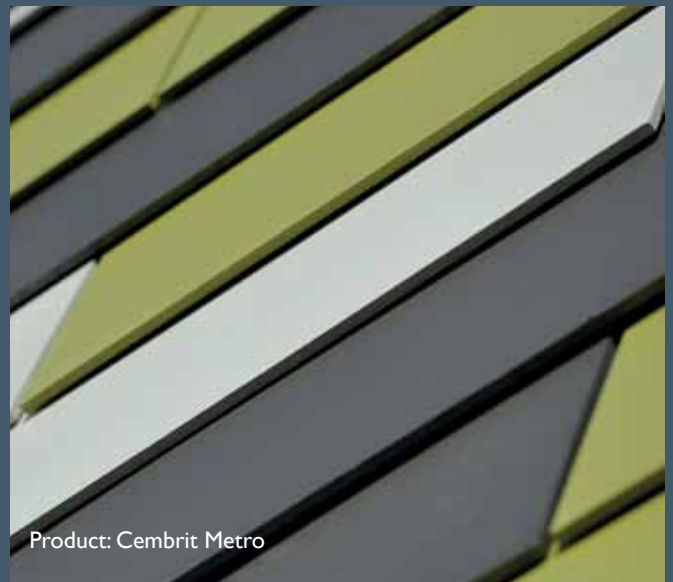




Product: Cembrit Cembonit



Product: Cembrit Cembonit



Product: Cembrit Metro

An array of applications

Cembrit fibre-cement cladding boards are ideal for ventilated, light weight facades, including attics, weatherboards, window elements, eaves and roof edges, balconies, and prefabricated facade elements – to mention but a few.

When you select fibre-cement based building materials, you benefit from the unique properties of the material as well as the high flexibility that enables you to realise your creative and architectural visions. The boards are easy to handle and adjust to fit your needs and they come in a range of colours. To ensure simple, easy installation, longer life and an attractive end-result, all Cembrit cladding products are supplemented by a complete range of accessories.

Fibre cement – a unique composition



Institut Bauen
und Umwelt e.V.

Natural Ingredients

With the strong composition of cement, mineral fillers, cellulose and non-toxic, organic fibres ... and not to forget a dash of water, Cembrit fibre-cement boards are made up of purely natural and environmentally friendly raw materials. This makes for sustainable and fully reusable boards.

Strong Recipe

The secret behind the impressive strength and durability of the Cembrit fibre-cement boards resides in the manufacturing technology. Thin layers of fibre cement are added on top of each other, pressed firmly together under tremendous pressure before completing a slow air curing process. Reinforced by carefully selected fibres, the many thin layers give fibre cement strength with few peers in the world of building materials.

Green Footprints

The Cembrit boards carry the IBU seal – a sign of green footprints from cradle to site. The seal is a result of an Environmental Product Declaration (EPD) conducted by the Institute Construction and Environment.

The EPD is a green report that describes the environmental impact of the building product. The report is intended to foster sustainable development of environmental and health friendly compatible construction.

The full EPD is available at www.cembrit.com.

Certified Quality

Cembrit boards are covered by a range of certificates validating their performance and compliance with various strict standards.

Cembrit boards and production process comply with:

- the quality management system ISO 9001:2000
- the environmental management system ISO 14001:2004
- the CE declaration of conformity
- the Construction Products Directive (CPD 89/106/EU)
- EN 12467:2004 Fibre-cement flat sheets
- the Environmental Product Declaration EPD-CEM-2012111-E according to ISO 14025
- the A2-s1, d0 fire rating according to EN 13501-1, which means that they are “non-combustible”

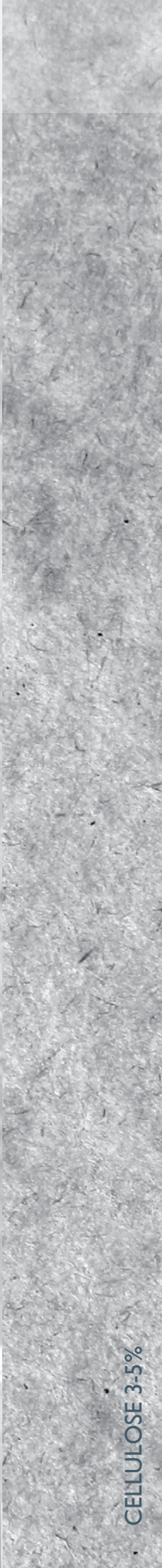
The individual certificates are available at www.cembrit.com.



CEMENT 65-80%



PVA 2%



CELLULOSE 3-5%



FILLER 10-25%



WATER X%

FIBRE CEMENT



Fibre cement

– distinct properties

Sound and Weather Resistant

The Cembrit fibre-cement boards deliver optimal sound and weather insulation. Noise as well as changing weather conditions such as frosts and thaws, warmth and water pose no threat to fibre-cement facades. The boards retain their shape at all times.

Low Maintenance

The ability of the boards to resist green moss and algae attacks is equally impressive. The result is a long-lived facade that saves you time and effort on inconvenient and costly repairs and repaints.

Non-combustible

The boards are non-combustible which is your guarantee for a safe building.

Easy Handling

Cembrit fibre-cement boards are flexible and easy to handle. They can be delivered cut to size, ready for installation or they may be cut on site with normal slow or fast running hand tools or stationary equipment following the instructions given by Cembrit. All this makes for lower construction costs and shorter construction times.



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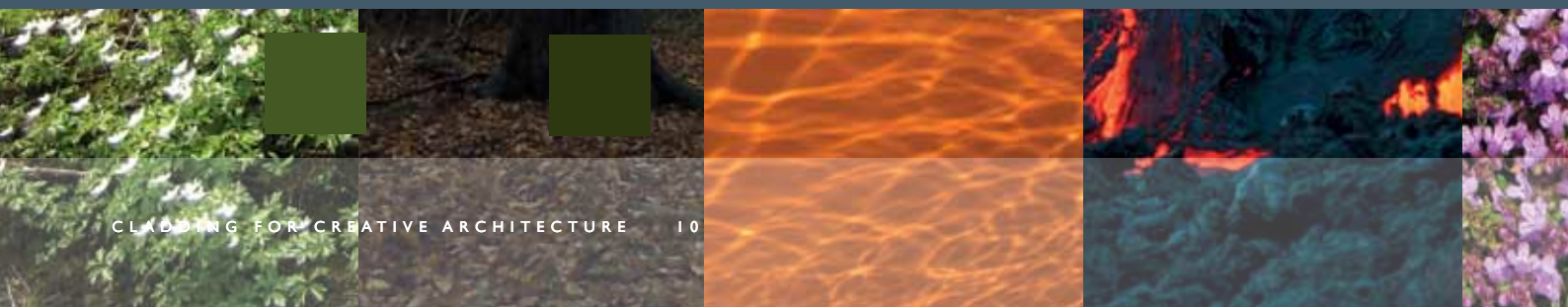
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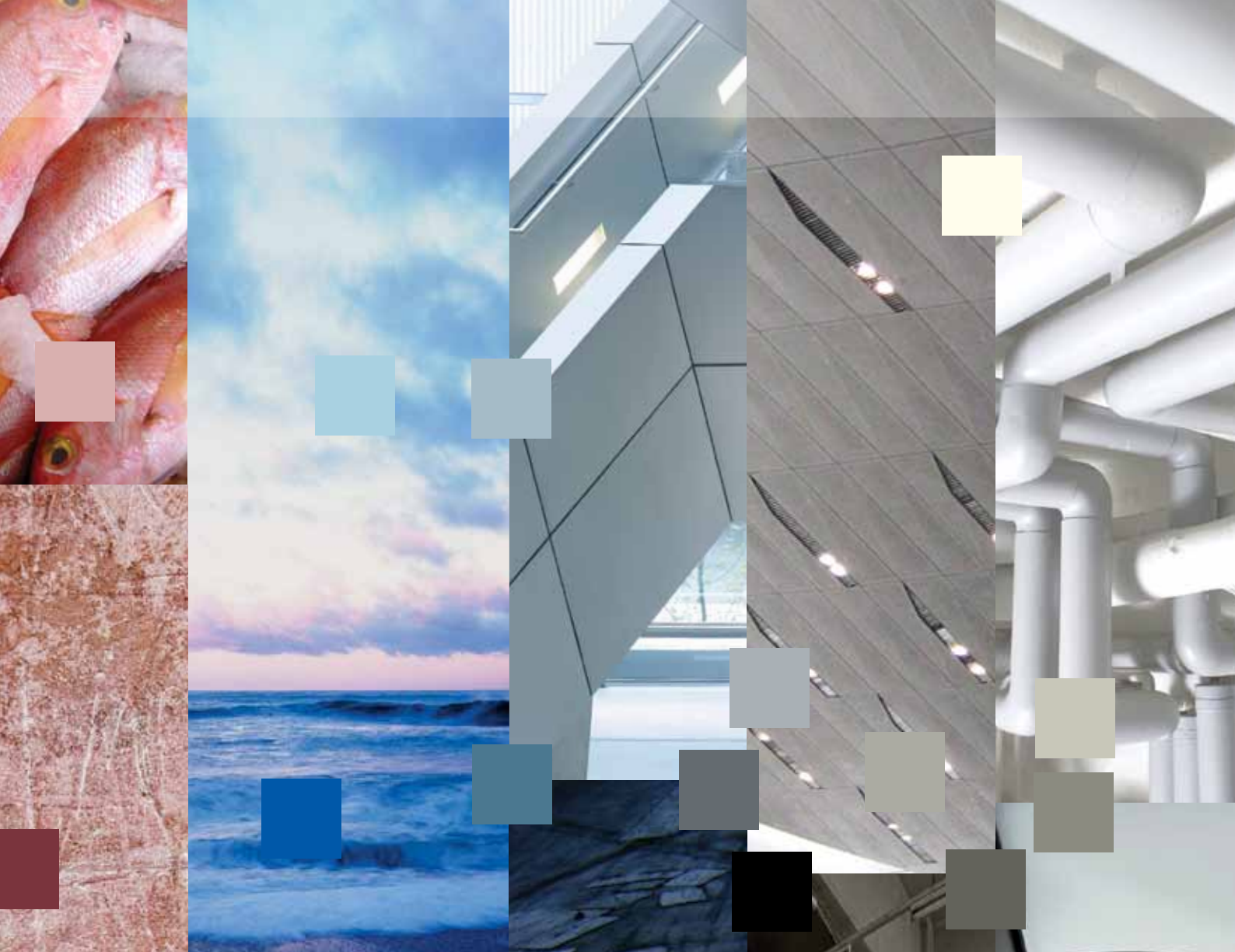


Colours inspired by nature for urban settings

Colours communicate. Colours are, at the heart, one of nature's strongest means of communication. Colours affect us directly, stimulating feelings and creating moods. Based on a design creed of rational passion, we have formed the URBANNATURE colours that open up for the merge between the current overarching trends of attractive urban lifestyles and natural settings that satisfy deeper human urges.

See the exclusive URBANNATURE colours unfold in the Cembrit Metro range based on the classic grey fibre-cement board and in the Cembrit Zenit range with the through-coloured core.





Designed for Built Environments

The exclusive URBANNATURE colours were brought to life by a team of architects, designers and technical and commercial Cembrit employees. Based on research and tests on how human beings perceive and respond to colours - consciously and unconsciously - the team developed a range of colours that please, soothe and excite. Just as they do in nature.

“ Fibre cement is an intriguing material. It has an urban, sleek appearance, but also the feel and warmth of natural materials. As designers, we see it as a sustainable material with natural authenticity. ”

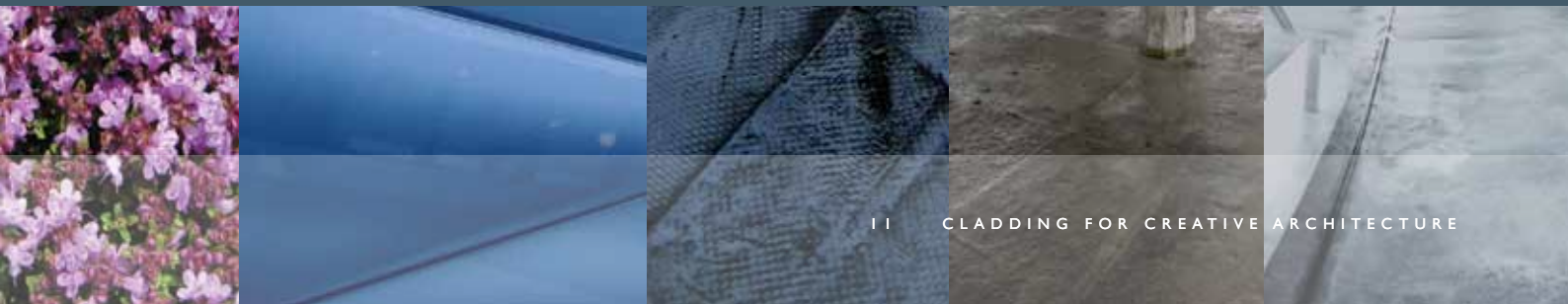
Arni Aromaa, Pentagon Design

For Distinct Design on Any Scale

Our goal with the URBANNATURE range is to offer a colour palette that supports and challenges architectural creativity. To bring you colours that enhance and interact with your buildings. Subtle or bold, restrained or daring. Mix and match to realise your vision.

“ Working with Cembrit was an inspiring journey. The mood was one of openness, and we kept challenging each other to reinvent the range. All while focusing on concrete outcomes: to meet the needs of architects and offer them added inspiration in their work. We hope we succeeded. ”

Pia Thurman, Pentagon Design





CEMBRIT ZENIT

Intense
Durable
Uniform



NEW

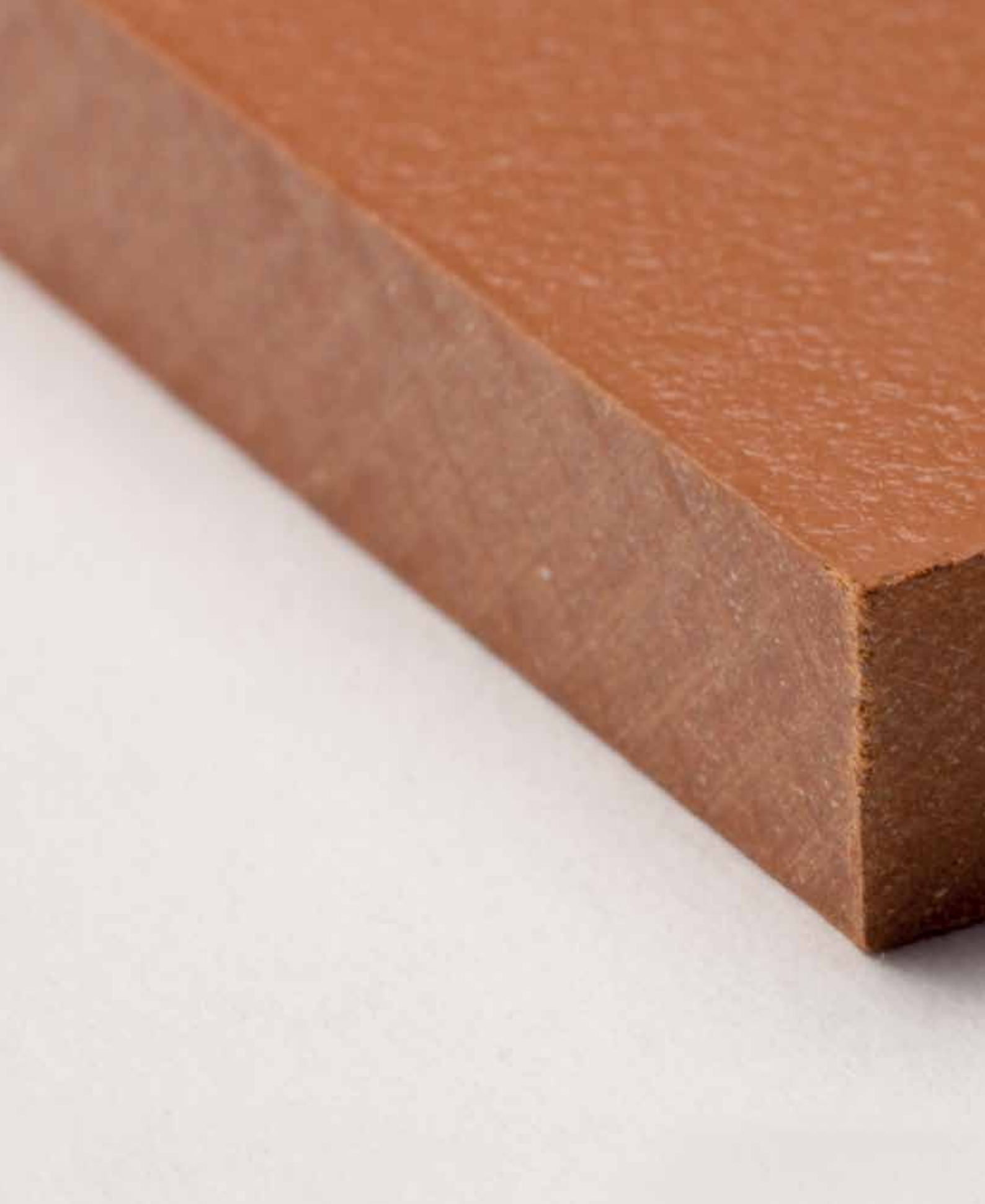
Cembrit Zenit

A through-coloured baseboard fully covered with a matching 100% acrylic, water-based paint in a number of deep and natural colours with an intense sheen. The unique combination of a through-coloured board and opaque paint gives the board a smooth and strong surface with reduced risk of visible scratches. The board is powerfully resistant towards green moss and algae as well as extreme weather conditions.

Cembrit Zenit comes in 16 natural yet intense URBANNATURE colours inspired by the universe and named after the colourful planets in the skies above. Among the standard colours, you find the blackest colour in the entire URBANNATURE range. This colour is named after the darkest planets ever discovered, also known as Erebus after the Greek god of darkness. If you wish to add an even more unique expression to your facade, Cembrit Zenit allows you to combine one of the nine baseboards with most NCS-S colours.



CEMBRIT ZENIT



Cembrit Zenit

Technical Information

Through-coloured	Yes
Painted	Yes
Colour availability	16 + NCS-S
Surface treated	Yes
Dimensions (mm)	1250 x 2500 1250 x 3050 1200 x 2500 1200 x 3050
Thickness (mm)	8
Weight (kg/board)	43.8 - 54.4

Colours

501 Venus	502 Mars	503 Neptune	504 Luna
505 Terra	506 Jupiter	507 Orcus	508 Pluto
509 Mercury	510 Erebus	511 Rhea	512 Saturn
513 Ceres	514 Triton	515 Mimas	516 Callisto

+ NCS-S

The representation of colours may deviate from the original product colours.

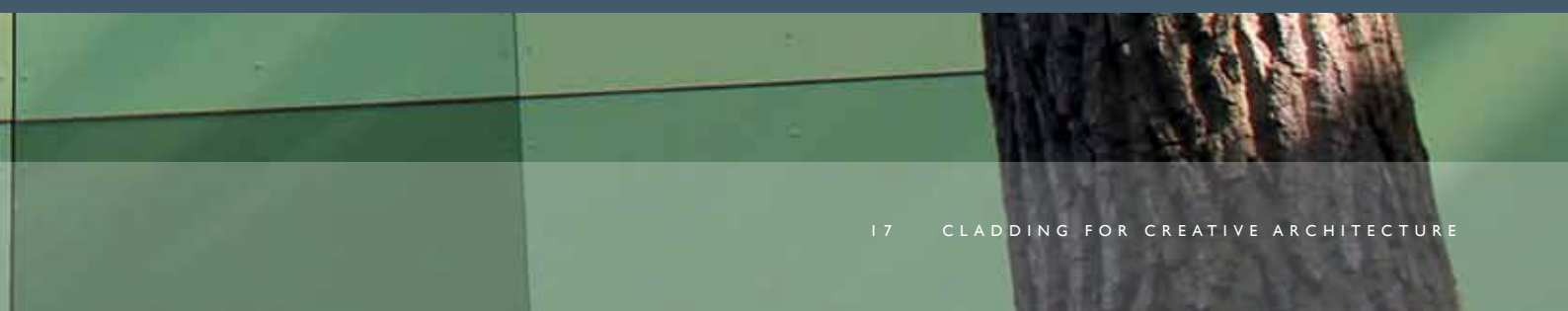
Powerful
Expressive
Creative



Cembrit Metro

Classic grey fibre-cement board fully covered with 100% opaque, water-based acrylic paint in a range of contemporary colours. The full-covering paint makes the board powerfully resistant to green moss and algae, water stains and dirt.

Cembrit Metro comes in 26 expressive URBANNATURE colours inspired by vibrant, dynamic metropolises in Europe. The board has an intense sheen and is highly wind and weather resistant. If you wish to add an even more unique expression to your facade, Cembrit Metro is available in most NCS-S colours. Set your creativity free with the bright and clear URBANNATURE colours.





Cembrit Metro

Technical Information

Through-coloured	No
Painted	Yes
Colour availability	26 + NCS-S
Surface treated	Yes
Dimensions (mm)	1250 x 2500 1250 x 3050 1200 x 2500 1200 x 3050
Thickness (mm)	8
Weight (Kg/board)	43.8 - 54.4

Colours



+ NCS-S

The representation of colours may deviate from the original product colours.



Easy installation
No visible screws
Cost-efficient



NEW

Cembrit Flow System

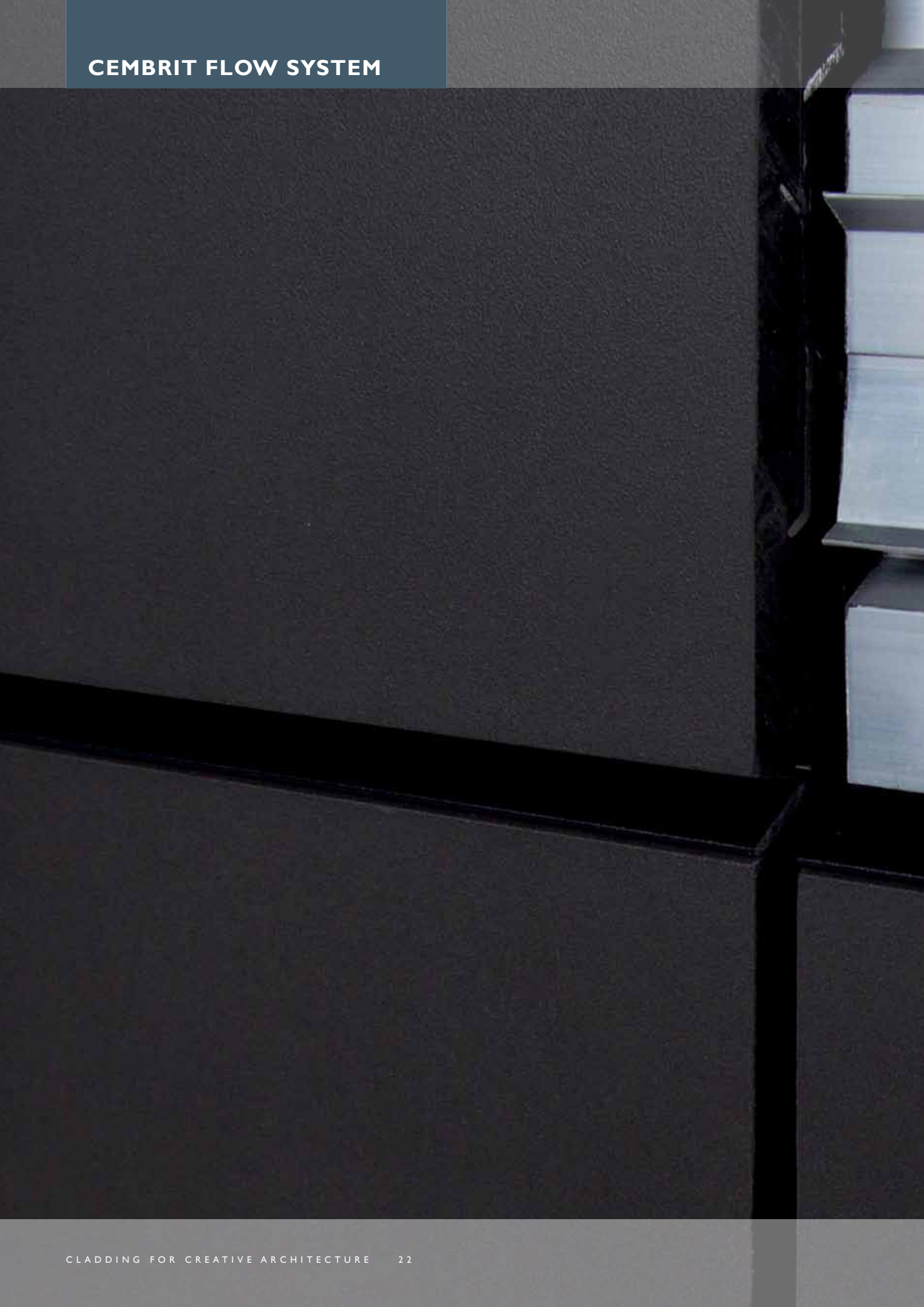
An installation system invisible to the naked eye. It offers you a competitive and flexible alternative to traditional installation with screws that allows you to design inspiring flush facades. Cembrit Flow System ensures easy installation and not least a cost-efficient solution compared to other invisible fixing systems. The result is a flush expression that gives full attention to your facade design.

With Cembrit Flow System, the fibre-cement cladding boards are fixed to the sub-construction by “hanging” the boards on an aluminium profile. A special groove locks the board to the profile and ensures that the board remains fixed when exposed to heavy wind and suction.

Cembrit Flow System is available with the 42 URBANNATURE colours in the Cembrit Metro and Cembrit Zenit ranges.



CEMBRIT FLOW SYSTEM



Cembrit Flow System

Technical Information

Boards

Colour availability	42 + NCS-S
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Material	Fibre cement
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Dimensions (mm)	1192 x 597 1192 x 297
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Thickness (mm)	8
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Carrier profile

Colour availability	Untreated
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Material	Aluminium - AlMgSi _{0,5}
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Dimensions (mm)	1185
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Top profile

Colour availability	Powder coated - Black (RAL 7021)
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Material	Aluminium - AlMgSi _{0,5}
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Dimensions (mm)	1192
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View the easy installation video.

INSPIRATION




Product: Cembrit Cembonit

Product: Cembrit Cembonit



Product: Cembrit Cembonit





Subtle
Authentic
Strong



Cembrit Cembonit

A strong, weather-proof cladding board characterised by its muted, matt finish. During manufacturing, the through-coloured board receives a unique surface treatment which makes it powerfully resistant towards water staining and dirt, ensuring a long-lasting and durable facade.

Cembrit Cembonit comes in 11 subtle colours. The natural authenticity of the Cembrit Cembonit board is expressed through the slight colour variations in the surface, imbuing your facade with the play of light and nuances you associate with any natural building material. Over time, these natural variations may develop further as the surface patinates.



CEMBRIT CEMBONIT

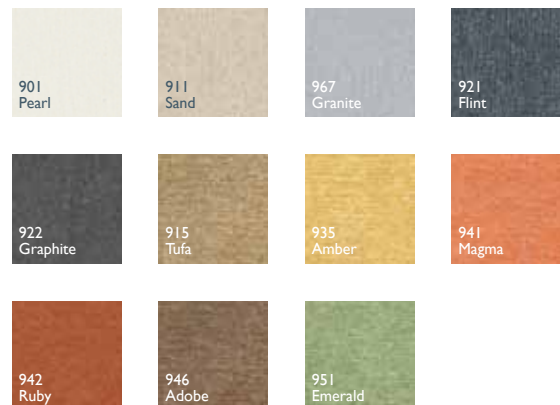


Cembrit Cembonit

Technical Information

Through coloured	Yes
Painted	No
Colour availability	11
Surface treated	Yes
Dimensions (mm)	1250 x 2500 1250 x 3050 1200 x 2500 1200 x 3050
Thickness (mm)	6 and 8
Weight (Kg/board)	43.8 - 54.4

Colours



The representation of colours may deviate from the original product colours.



Product: Cembrit Metro



Product: Cembrit Metro



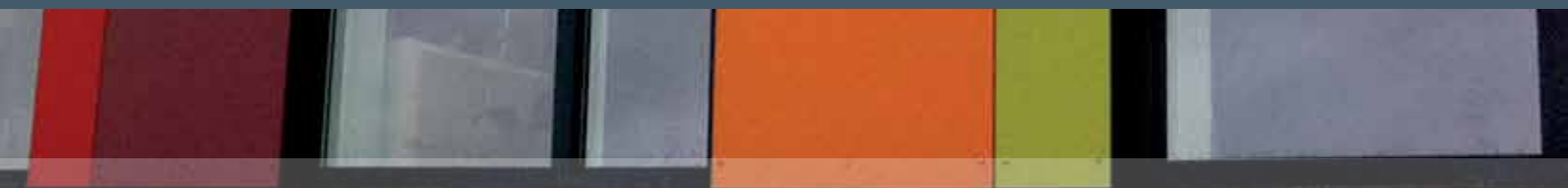
Product: Cembrit Metro



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Product: Cembrit Metro





**Small
Flexible
Easy to install**



Cembrit Express

The perfect choice, if you aim for easy and quick installation of your facade. The light weight and small size allow you to install the boards single-handedly. The strong, durable and virtually maintenance-free fibre-cement board is flexible and add a unique expression to your facade.

Cembrit Express comes in 7 classic colours that match the colours of the Cembrit slates range for roofing. The board is available either with the smooth, elegant surface or with the rustic and characterful cedarwood structure.



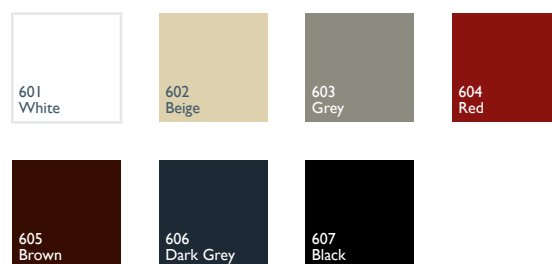


Cembrit Express

Technical Information

Through-coloured	No
Painted	Yes
Colour availability	7 smooth or cedarwood
Surface treated	Yes
Dimensions (mm)	400 x 800
Thickness (mm)	5.5
Weight (Kg/pcs)	3.33

Colours



The representation of colours may deviate from the original product colours.

INSPIRATION



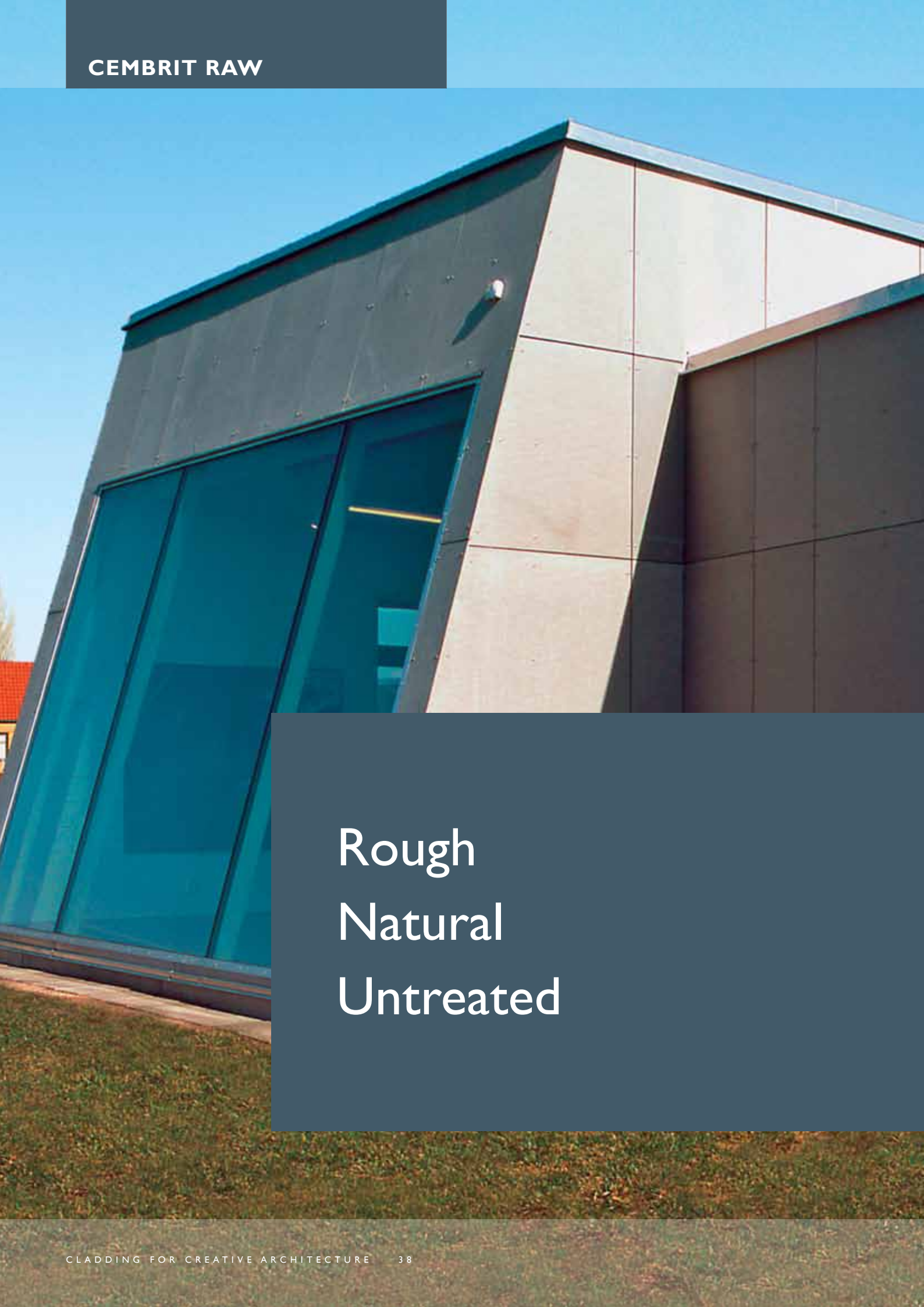
Product: Cembrit Metro



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Rough
Natural
Untreated



Cembrit Raw

Cembrit Raw is an untreated fibre-cement board that allows the authentic appearance of the rough fibre-cement to stand out. In nature, Cembrit Raw is a building board which can be installed for cladding purposes, when a natural and rough expression is desired. Cembrit Raw is a natural material and variations may occur in the individual boards and from board to board, adding a lively expression to your facade.

Cembrit Raw combines value for money and the unique properties of fibre cement which make the board resistant towards extreme weather conditions as well as green moss and algae. The untreated board is virtually maintenance-free and requires no repaint or repair. If you, however, wish to add a colourful expression to your facade, it can be painted on-site with acrylic paint systems suitable for cement based materials.



CEMBRIT RAW



Cembrit RAW

Technical Information

Through-coloured	No
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Painted	No
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Colour availability	I
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Surface treated	No
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Dimensions (mm)	1200 x 2500
	1200 x 3050
	1250 x 2500
	1250 x 3050

Thickness (mm)	6, 8 and 10
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Weight	32.4 - 71
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Colour



The representation of colours may deviate from the original product colours.



Product: Combination with perforated glass
Photo: Bent Raanes - Sarah Cameron Soerensen



Product: Milling

Product: Milling



Product: Milling

Realise your dreams – with fibre cement

Don't let practical considerations impede your design ideas. Fibre cement invites for creativity and architectural visions - so does Cembrit.

