

GRC Fluted Concrete Wall Panels



APPLICATIONS & BENEFITS

- BTX Ultra High-Performance Glass Reinforced Concrete (GRC) large format precast wall panels manufactured in the UK with locally sourced materials.
- Made using eco-friendly production methods to reduce our carbon footprint, ensuring that sustainability is at the core of everything we create.
- EPD and ISO14001 certified
- Interior or exterior use
- Perfect for restaurants, bars, pubs, showrooms, hotels, and other commercial venues
- Lighter than conventional concrete but strong, more durable with great thermal conductivity, high mechanical resistance and UV stability.
- Range of colours, textures and finishes
- Fast installation
- Easy maintenance
- Fully recyclable



TECHNICAL INFORMATION

Available Sizes:

2600 x 900 x 20 mm

OTHER SIZES ON REQUEST | WEIGHT: 18kg/m²/10mm

COMPOSITION: Cement - selected sand - specially designed additives and UV stable pigments

MECHANICAL PROPERTIES

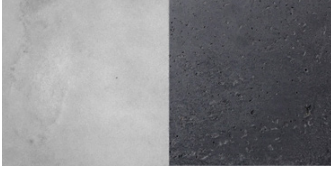
Yield strength (modulus of rupture)	5-8 mpa
Tensile strength (modulus of rupture)	2-5 mpa
Compressive strength	20-30 mpa
Impact strength	5-10 KJ/m ²
Thermal expansion coefficient	20 x 10 ⁻⁶ /°C
Absorption	Low water permeability
Dorry wear	2.5 mm

TOLLERANCES

Thickness	+/-5%
Side straightness	+/-0.5%
Orthogonality	+/-0.6%
Planimetry	+/-0.5%
Length and width	+/-0.6%

NOTE: These values are for reference only and are estimated as formulation. They may vary according to formulation, treatment and manufacturing processes.

TEXTURES & FINISHES



Silk (Smooth) Rough (Pitted)

AVAILABLE COLOURS

Colour Variations: Because of its cementitious composition the colour of GRC panels may have different textures and tones within the same panel and / or in comparison to other panels in the same batch. The colours in our colour selection chart are for reference use only and are as close as possible to the original colours.



PRODUCT INFORMATION

DELIVERY & PACKAGING

- Secure packaging for each panel
- Palletized delivery
- Installation data sheet

STORAGE

- keep in a dry, clean space in the original packaging
- panels should be kept in a horizontal way

CLEANNING & MAINTENANCE

- clean with neutral detergent
- use wax maintainers or self-polishing cleaners

CONSIDERATIONS BEFORE INSTALLING GRC PANELS

- Keep packaged until installation
- Do not force the panels over uneven surfaces
- Always store horizontally
- Do not place loads on the panels
- Level the sub-wall correctly before starting the installation (+/- 2mm in 3m)
- Leave at least 2-3mm for joints
- GRC panels are not rectified, they can have variations of 0.6%

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VERIFICATION OF THE AESTHETIC APPEARANCE

Please check and ensure that you are happy with the delivered product and there is no apparent visible defects. If any issues are detected do not start the installation and contact supplier immediately. No claims will be accepted after tiles have been installed.