

GRC Timber Planked Concrete Floor Boards



APPLICATIONS & BENEFITS

- BTX Ultra High-Performance Glass Reinforced Concrete (GRC) large format pre-cast tiles 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:

- 2000mm x 250mm x 12mm

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



Timber Plank.

AVAILABLE COLOURS

Colour Variations: Because of its cementitious composition the colour of GRC panels may have different textures and tones within the same tile and / or in comparison to other tiles 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.

01-white	02-misty-white	03-ivory	04-coconut	05-pollen-yellow	06-ochre	07-sahara	08-sand
09-caribbean-sand	10-versatile-grey	11-chocolate	12-texan	13-hazelnut	14-terracotta	15-plum	16-victorian-pink
17-natural-pink	18-navy-grey	19-royal-blue	20-sky	21-willow	22-jade	23-alpine-green	24-autumn-green
25-silver	26-cement-grey	27-steel-grey	28-lead-grey	29-grey	30-tempest-grey	31-mist	

PRODUCT INFORMATION

DELIVERY & PACKAGING

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

STORAGE

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

CLEANING & MAINTENANCE

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

CONSIDERATIONS BEFORE INSTALLING BTX TILES

- Keep packaged until installation
- Do not force the tiles over uneven surfaces
- Always store horizontally
- Do not place loads on the tiles
- Level the sub-floor correctly before starting the installation (+/- 2 mm in 3 m)
- Place the tiles on the floor to choose your colour composition
- Leave at least 5 mm for joints
- BTX tiles 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.