

Concrete Benches and Seats



APPLICATIONS & BENEFITS

- Bespoke BTX Ultra High-Performance Glass Reinforced Concrete (GRC) benches and seats, 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 outside leisure spaces, showrooms, offices, hotels, and other commercial venues
- Lighter than conventional concrete but strong, more durable and suitable for high-traffic areas
- Vast range of colours, textures and finishes
- Fast installation
- Easy maintenance
- Fully recyclable



TECHNICAL INFORMATION

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/m2
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.

CLEANING AND MAINTENANCE

- Clean with neutral pH detergent
- Use wax maintainers or self-polishing cleaners
- To clean specific stains do not use abrasive materials
- Do not leave stains to dry, as they may permanently stain the surface
- For outdoor apply sealant periodically depending on usage
- Sweep the surface regularly to remove all dirt and dust

TEXTURES & FINISHES



Silk (Smooth) **Polished** (Glossy) on request @ £11.00/m2.

All benches are impregnated and protected by an invisible hydrophobic agent, limiting the absorption of water and protecting against moisture. The impregnation forms a transparent film on the surface of the concrete. The protected surface becomes more resistant to mechanical and chemical damage and easier to clean. It may change the colour and give the surface a gloss finish.

AVAILABLE COLOURS

Because of its cementitious composition the colour of GRC benches may have different textures and tones in comparison to other benches in the same consignment. Our colour selection chart is for reference use only and the colours are as close as possible to the original colours.



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 benches have been installed.