



GFRC ventilated facades

Glass Fiber Reinforced Concrete is composite material based on concrete. GFRC is made of white cement and crushed dolomite reinforced with Glass Fiber. Thanks to this combination is achieved especial technical characteristic such as: hardness, strength, durability, shapeability, fire resistance and others.

The Glass Fiber reinforcement means that GFRC is extremely durable. The advantage of this material is its low bulk weight, high tensile and bend strength.

That makes the production of very large 3D elements in thin-walled dimensions possible.

1) COLOR

Construction elements made of Glass Fiber Reinforced Concrete can be supplied in natural appearance (visual concrete).

GFRC natural color is marble white. But it can be colored, e.g. to resemble sandstone, various hues of grey or according to special requests.

Elements can be painted with weather-resistant acrylic paint, and areas heavily exposed to the elements can be impregnated.

2) FORMATS

Formats are up to 4500 x 2000 mm.

Facade elements usually have thickness 10 – 15 mm.

3) SURFACE

The surface of Glass Fiber Reinforced Concrete products can be selected from plenty of choice for surface structures, painting or actual patterns.

Elements can be made with smooth surfaces, with a concrete texture, sand-blasted, brushed, and corrugated, in relief or imprinted.

Using rubber casts can be produced elements that reproduce ornamental architecture.

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Complete supply
of ventilated facades



4) WAY OF FIXING AND DETAILS

- Invisible mechanical fixing
- Riveting
- Gluing

Glass Fiber boards are fixed by gluing or riveting.

5) FLAMMABILITY

According to CSN 73 0810/ 2016: A1

For more information contact Triangel company.

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