

## PRODUCT SPECIFICATION

# GRC Concrete Worktops

### APPLICATIONS & BENEFITS:

- GRC Concrete Worktops offer a stylish and contemporary alternative to wood, ceramic, porcelain or stone surfaces
- internal & external use
- lighter than conventional concrete
- strong and more durable due to glass fibers content
- eco aspect of the product
- fully recyclable
- available in many colors
- bespoke sizes
- fast installation

**WEIGHT:** 20/m<sup>2</sup>/20mm

### 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<sup>2</sup>
- Thermal expansion coefficient 20 x 10<sup>-6</sup>/°C
- Absorption Low water permeability

### 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.

All countertops and sinks 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 color and give the surface a gloss finish.

### Color Variations:

Because of its cementitious composition the color of GRC panels may have different textures and tones within the same tile

### SUPPORT/BASE:

- Secure, flat and free from moisture.

### CONSIDERATIONS BEFORE INSTALLING GRC WORKTOPS:

- Keep packaged until installation
- Do not force the panels over uneven surfaces
- Do not place loads on the panels
- Level the base correctly before starting the installation (+/- 2 mm in 3 m)
- Leave at least 5 mm for joints
- GRC worktops are not rectified, they can have variations of 0.6%.

### CLEANING AND MAINTENANCE:

- Clean with neutral pH detergent
- 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.