

# Technical Datasheet - Marble-Cement Agglomerate Terrazzo

Applicable to our materials with product codes MSCASB

Marble cement is a precast material composed of marble chippings bonded with white cement and pigments. Produced in standard-size size blocks (253x142x70cm or 253x125x70cm) using patented vacuum-technology plants. Blocks are cut into slabs, normally 2, 3 and 4cm which are then used for many applications, including worktops. Its competitive price and chromatic homogeneity make it the perfect material for important projects, which can be also realised in special colours studied by the designers in cooperation with our technical office.

## CHARACTERISTICS Standard Unit Range of Values

Density EN 14617-1:2005 Kg/dm<sup>3</sup> 2.4 - 2.6

Water absorption UNI EN 13748-1:2005 % (volume) <6.2

Flexural strength UNI EN 13748-1:2005 Mpa >8.0

Compressive strength EN 14671-15 N/mm<sup>2</sup> ≥60

Frost Resistance BS EN ISO 10545-12 Class 2/B (3/D)

Resistance to deep abrasion UNI EN 13748-1:2005 cm 13.9 - 26 cm<sup>3</sup>/50 cm<sup>2</sup>

Slip resistance UNI EN 13748-1:2005 and "The PTV Can be honed to achieve PTV>25

UK Slip Resistance or PTV>36 wet. (please specify

Group Guidelines (Latest Issue) specific project requirements)

where appropriate.

Sustainability BRE B

Combustion reaction EN 13501-1 A1

## STANDARD SIZES Size Thickness

Blocks 253 x 142/125 cm - A ca. 80 cm

Slabs 253 x 142/125 cm 2, 3, 4, 5 cm (or thicker for special pieces - sinks, benches, etc.)

Floor Tiles 30x30 cm; 60x30 cm 40x40 cm; 2, 3 cm

60x40 cm 80x40 cm; 60x60 cm

120x60 cm; 120x120 cm

Cut to Size 2, 3, 4, 5 cm (or thicker for special pieces)

Skirting 60x7 cm 1 cm

## **Special size and thickness upon request**

## WEIGHTS

2cm 50 kg/sqm 2+2 cm 100 kg/sqm

3cm 75 kg/sqm 3+3 cm 150 kg/sqm

4cm 100 kg/sqm Skirting 1.8 kg/lm

## Notes:

- The correct adhesive and silicone system should be used and installation be carried out by a bona-fide terrazzo installer.
- Post installation a more aggressive deep cleaning may be required depending on site conditions.
- Stain resistance: the material will perform in the same way as natural marble and cement.
- Acidic contamination from substances like bleach, white wine, vinegar and lemon juice, should be avoided.
- Specialist treatments are available upon request and should be applied by a specialist.
- We recommend Fila solutions for any advice on cleaning and maintenance: [www.filasolutions.com](http://www.filasolutions.com)
- For wet areas we recommend an anti mould treatment to be applied either before the materials leave the factory and another coat on site post installation.
- For special pieces, like sinks, carved pieces, statues, fireplaces etc., we can develop shop drawings for information and organize for the material to be prepared prior to shipping, sufficient time should be allowed for the design of these items and are quoted on a piece by piece basis.