

## Technical Datasheet - Cement Agglomerate Terrazzo

Applicable to our materials with product codes **MSCASB**

Cement-Marble is a precast material composed of marble chippings bonded together with white cement and pigments. Produced in standard size blocks (253x142x70cm or 253x125x70cm) using patented vacuum-technology plants. Blocks are cut into slabs normally 2, 3 and 4cm thick, which are then used for multitude of applications including counter tops.

Its competitive price and chromatic homogeneity, make it the perfect material for important projects which can be also realized 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/dm3     | 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/mm2      | ≥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 cm3/50 cm2   |
| Slip resistance             | UNI EN 13748-1:2005 and "The UK Slip Resistance Group Guidelines (Latest Issue) where appropriate. | PTV        | Can be honed to achieve PTV>25 or PTV>36 wet. (please specify specific project requirements) |
| 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; 60x40 cm; 80x40 cm; 80x60cm; 60x60 cm; 120x60 cm; 120x80cm; 120x120 cm | 2, 3 cm       |  |
| Cut to Size    |   | 2, 3, 4, 5 cm | (or thicker for special pieces)                        |
| Skirting       | 60x7 cm   | 1.2 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.