

## Technical Datasheet - Cement Tiles

Applicable to our materials with product codes MSCA GDN (Anima)

GDN Cement tiles is a precast material composed of a mixture of mineral powder, cement, water and natural colorants (colouring oxides). Produced by hand in standard moulds. The product comes pre finished in Natural, Treated and Wax finish. These tiles do not undergo a polishing process in production and can not be polished on site.

The surface of the tile is uneven, with ripples, small holes, haze, dots, bulges.

The material can be 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       |
| Sustainability      | BRE             |        | B               |
| Combustion reaction | EN 13501-1      |        | A1              |

**This is a craft product, not subject to European regulation.**

| STANDARD SIZES | Size   | Thickness     |  |
|----------------|--|---------------|--|
| Slabs          | On Request, Size TBC                             | 2, 3, 4 cm    | (or thicker for special pieces - sinks, benches, etc.) |
| Floor Tiles    | 20x20x1.2cm; 60x60x1.9cm;<br>hexagon side 11.5cm | 1.2, 1.9 cm   |  |
| Cut to Size    |  | 2, 3, 4, 5 cm | (or thicker for special pieces)                        |
| Skirting       | Cut to size                                      |               |  |

**Special size and thickness upon request**

### WEIGHTS

|       |           |
|-------|-----------|
| 1.2cm | 32 kg/sqm |
| 1.9cm | 48 kg/sqm |

### Notes:

- The correct adhesive and silicone system should be used and installation be carried out by a bona-fide installer.
- The product comes pre finished in Natural, Treated and Wax finish. These tiles do not undergo a polishing process in production and can not be polished on site.
- Post installation a more aggressive deep cleaning may be required depending on site conditions.
- Not recommended for external areas or wet rooms, please consult an In Opera representative for more information.
- 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.
- A special protective finish is required post installation.
- 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.
- The surface of the tile is uneven, with ripples, small holes, haze, dots, bulges.
- This is a craft product, not subject to European regulation.
- The intensity of the colour is greatly modified (temporarily) by the moisture contained in the tile. To verify the correspondence of the product, let the tile dry near a heat source.