

| TECHNICAL FEATURES                  |                     |
|-------------------------------------|---------------------|
| Collection: Appeal Surface: Natural | Brand: Marazzi      |
| Size (cm): 75x75 RT                 | Thickness (mm): 9,5 |
| Size (cm): 45x45                    | Thickness (mm): 08  |
| Size (cm): 30x60 - 60x60 - 60x120   | Thickness (mm): 8,5 |

Compliant with standard EN 14411:2016 annex G group Bla - GL

Compliant with standard ISO 13006:2018 annex G group Bla - GL

| Technical Features                         | Testing Method  | Meas. unit   | Average Typical Values      | Established limits                                                            |                                    |                                          |  |  |
|--------------------------------------------|-----------------|--------------|-----------------------------|-------------------------------------------------------------------------------|------------------------------------|------------------------------------------|--|--|
| DIMENSIONAL PROPERTIES AND SURFACE QUALITY |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Dimensions                                 |                 |              |                             | Nominal Length of edge N (cm) 7≤N<15                                          | Nominal Length of edge N (cm) N≥15 |                                          |  |  |
| Length and width (*)                       | ISO 10545-2     | (mm) (%)     | Complies with the standards | ±2% (max 5mm)                                                                 | ±2% (max 5mm) ±2% (max 5mm)        |                                          |  |  |
| Length and width (**)                      |                 |              | Complies with the standards | ±0,9 mm                                                                       | ±0,6%                              | ±2,0 mm                                  |  |  |
| Not Rectified                              |                 |              |                             | ± 0,4 mm                                                                      | ±0,3 %                             | ±1,0 mm                                  |  |  |
| Rectified                                  |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Thickness                                  |                 |              | Complies with the standards | ±0,5 mm                                                                       | ±5%                                | ±0,5 mm                                  |  |  |
| Not Rectified                              |                 |              |                             | ±0,5 mm                                                                       | ±5%                                | ±0,5 mm                                  |  |  |
| Rectified                                  |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Straightness of sides                      |                 |              | Complies with the standards | ±0,75 mm                                                                      | ±0,5 %                             | ±1,5 mm                                  |  |  |
| Not Rectified                              |                 |              |                             | ±0,4 mm                                                                       | ±0,3 %                             | ±0,8 mm                                  |  |  |
| Rectified                                  |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Rectangularity                             |                 |              | Complies with the standards | ±0,75 mm                                                                      | ±0,5%                              | ±2,0 mm                                  |  |  |
| Not Rectified                              |                 |              |                             | ±0,4 mm                                                                       | ±0,3%                              | ±1,5 mm                                  |  |  |
| Rectified                                  |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Surface Flatness c.c - e.c. - w.           |                 |              | Complies with the standards | ±0,75 mm                                                                      | ±0,5%                              | ±2,0 mm                                  |  |  |
| Not Rectified                              |                 |              |                             | ±0,6 mm                                                                       | ±0,4%                              | ±1,8 mm                                  |  |  |
| Rectified                                  |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Surface Quality                            |                 |              | Complies with the standards |                                                                               |                                    | ≥95%                                     |  |  |
| PHYSICAL PROPERTIES                        |                 |              |                             |                                                                               |                                    |                                          |  |  |
| Water absorption                           |                 |              | ISO 10545-3                 | (%)                                                                           | <= 0,5                             | Eb ≤ 0,5 (Individual maximum value 0,6%) |  |  |
| Modulus of rupture                         | ISO 10545-4     | (N/mm2)      | >= 35                       | R ≥35 (Individual minimun value 32 N/mm2)                                     |                                    |                                          |  |  |
| Breaking Strength                          | ISO 10545-4     | (N)          | >= 1300                     | ≥1300 (Thickness ≥7,5 mm) ≥700 (Thickness < 7,5 mm)                           |                                    |                                          |  |  |
| Resistance to surface abrasion             | Internal Method |              | See attached table          |                                                                               |                                    |                                          |  |  |
| Linear thermal expansion coefficient       | ISO 10545-8     | (x(10)-6/°C) | <=9                         | Declared value (EN 14411:2016)<br>Test Method available (ISO 13006:2018)      |                                    |                                          |  |  |
| Thermal shock resistance                   | ISO 10545-9     |              | Complies with the standards | Declared value (EN 14411:2016) ****<br>Test Method available (ISO 13006:2018) |                                    |                                          |  |  |
| Crazing Resistance                         | ISO 10545-11    |              | Complies with the standards | Pass according to EN ISO 10545-1 (EN 14411:2016)<br>Required (ISO 13006:2018) |                                    |                                          |  |  |
| Frost resistance                           | ISO 10545-12    |              | Complies with the standards | Pass according to EN ISO 10545-1 (EN 14411:2016)<br>Required (ISO 13006:2018) |                                    |                                          |  |  |
| Reaction to fire                           | -               | -            | Floor/Wall Class A1 FL / A1 | Class A1 or Class A1 FL (EN 14411:2016)                                       |                                    |                                          |  |  |
| Colour resistance to light exposure        | DIN 51094       |              | Complies with the standards | No sample must show noticeable colour modifications.                          |                                    |                                          |  |  |



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Cap.Soc. Euro102.232.000 Int.Vers. Pl.vae Cod. Intrastat IT 00611410374 C.F. EN di Iscrizione Reg. Impr. de Mo 00611410374 R.E.A. Modena N. 49219 N. Meccanografico MO 041028 Società soggetta a discrezione e coordinamento di Mohawk Industries, Inc.

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| Technical Features                                                | Testing Method | Meas. unit | Average Typical Values | Established limits                                                       |
|-------------------------------------------------------------------|----------------|------------|------------------------|--------------------------------------------------------------------------|
| CHEMICAL PROPERTIES                                               |                |            |                        |                                                                          |
| Resistance to chemicals for household use and swimming pool salts | ISO 10545-13   |            | A                      | GB Minimum (EN 14411:2016)<br>GB Minimum (ISO 13006:2018)                |
| Resistance to low concentrations of acids and alkalis             | ISO 10545-13   |            | LA-LB                  | Declared value (EN 14411:2016)<br>Test Method available (ISO 13006:2018) |
| Resistance to high concentrations of acids and alkalis            | ISO 10545-13   |            | HA-HB                  | Declared value (EN 14411:2016)<br>Test Method available (ISO 13006:2018) |
| Stain resistance                                                  | ISO 10545-14   |            | Class 5                | Minimum class 3 (EN 14411:2016)<br>Minimum class 3 (ISO 13006:2018)      |

| ANTISLIPPERY PROPERTIES                |                                      |  |              |                         |
|----------------------------------------|--------------------------------------|--|--------------|-------------------------|
| Slipperiness Resistance: Ramp Method   | DIN 51130<br>DGUV Regel 108-003      |  | R9           | from R9 to R13          |
| Slipperiness Resistance: B.C.R.        | D.M. N.236 14/6/89                   |  | $\mu > 0,40$ | $\mu > 0,40$            |
| Slipperiness Resistance: Pendulum      | UNE 41901:2017 EX<br>DB SUA (actual) |  | Class 1      | From Class 0 to Class 3 |
| Dynamic coefficient of friction (DCOF) | ANSI A326.3:2017                     |  | $>0,42$      | $\geq 0,42$             |

\* The work size shall be chose, for non-modular tiles, so that the difference between the work size and the nominal size is:

\*\* The deviation, in percent, of the average size for each tile (2 or 4 sides) from the work size..

\*\*\*\* See Table 2 for uses where it is applicable

c.c. Centre curvature, related to diagonal calculated from the work sizes

e.c. Edge curvature, related to the corresponding work sizes.

w. Warpage, related to diagonal calculated from the work sizes.



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| Resistance to surface | abrasion - Internal Method |
|-----------------------|----------------------------|
| Appeal anthracite     | Intended use - Class H     |
| Appeal grey           | Intended use - Class H     |
| Appeal sand           | Intended use - Class G     |
| Appeal taupe          | Intended use - Class H     |
| Appeal white          | Intended use - Class H     |

