

# TECHNICAL CHARACTERISTICS

## WALL TILES

CLASSIFICATION IN ACCORDANCE WITH EN 14411 - ANNEX L - GROUP B III / CLASSIFICATION SELON LES NORMES EN 14411 - ANNEXE L - GROUPE B III

|  | PHYSICAL-CHEMICAL PROPERTIES            | STANDARD OF TEST | REQUIRED VALUE                   | AVERAGE VALUE          |  |
|--|---|------------------|----------------------------------|------------------------|--|
|    | Sizes                                   | ISO 10545.2      | Length and width                 | $\pm 0,6\%$            | $\pm 0,5\%$  |
|  |   |                  | Thickness                        | $\pm 5\%$              | $\pm 5\%$  |
|  |   |                  | Linearity                        | $\pm 0,5\%$            | $\pm 0,3\%$  |
|  |   |                  | Wedging                          | $\pm 0,6\%$            | $\pm 0,4\%$  |
|  |   |                  | Warpage                          | $\pm 0,5\%$            | $\pm 0,3\%$  |
|    | Water absorption                        | ISO 10545.3      | $>E$ 10%                         | $\sim 16\%$            |  |
|  | Bending strength                        | ISO 10545.4      | Modulus of rupture               | R 15 N/mm <sup>2</sup> | 22 N/mm <sup>2</sup>   |
|  | Resistance to abrasion                  | ISO 10545.7      | According to manufacturer's data |                        | Indicated in the catalog   |
|  | Coefficient of linear thermal expansion | ISO 10545.8      | Test method available            |                        | $8 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$                                |
|  | Resistance to thermal shock             | ISO 10545.9      | Test method available            |                        | Guaranteed   |
|  | Crazing resistance                      | ISO 10545.11     | Test method available            |                        | Guaranteed   |
|  | Chemical resistance                     | ISO 10545.13     | Test method available            |                        | Indicated in the catalog   |
|  | Stain resistance                        | ISO 10545.14     | $1 < X < 5$                      |                        | <b>CLASS 5</b> Stains removed with warm running water (without any detergents) |