



Meraki Blue

Size: 400X400 mm | Design: | Finish: Matte Finish in Ext Floor Body | Series: Exterior FL Digital



Front View



Scale View

Packaging Details

| Size       | No. of tiles in box | Coverege Area |       |
|------------|---------------------|---------------|-------|
|            |                     | sq/mtr        | sq/ft |
| 400X400 mm | 5.0                 | 0.8           | 8.61  |

## Technical Specification

| Sr.No. | Test Description                          | CEN Code | Standard Test Method | ISO 13006:2018 Specification Bib        | Nitco's Value                         |
|--------|-------------------------------------------|----------|----------------------|-----------------------------------------|---------------------------------------|
| 1      | Deviation in Length %                     | EN 98    | ISO 10545 - 2        | $\pm 0.3 \%$ (Max $\pm 1.0$ mm)         | $\pm 0.1\%$                           |
| 2      | Deviation in Thickness %                  | EN 98    | ISO 10545 - 2        | $\pm 5.0 \%$ ( Max $\pm 0.5$ mm )       | $\pm 5.0\%$                           |
| 3      | Straightness of Edge %                    | EN 98    | ISO 10545 - 2        | $\pm 0.3 \%$ ( Max $\pm 0.8$ mm )       | $\pm 0.10\%$                          |
| 4      | Diagonal Variation % (Rectangularity)     | EN 98    | ISO 10545 - 2        | $\pm 0.3 \%$ ( Max $\pm 1.5$ mm )       | $\pm 0.10\%$                          |
| 5      | Surface flatness                          | EN 98    | ISO 10545 - 2        | $\pm 0.4 \%$ ( Max $\pm 1.8$ mm )       |                                       |
|        | a. Centre curvature                       |          |                      |                                         | $\pm 0.20\%$                          |
|        | b. Edge curvature                         |          |                      |                                         | $\pm 0.20\%$                          |
|        | c. Warpage                                |          |                      |                                         | $\pm 0.20\%$                          |
| 6      | Surface Quality                           | EN 98    | ISO 10545 - 2        | Min 95% free from any visible defects   | Min 95% free from any visible defects |
| 7      | Water Absorption % By WT.                 | EN 99    | ISO 10545 - 3        | $0.5 < E < 3.0$                         | $< 1.0$                               |
| 8      | Breaking Strength, N                      | EN 100   | ISO 10545-4          | Min. 1300 N                             | Min. 1300 N                           |
| 9      | Modulus of Rupture in N / mm <sup>2</sup> | EN 100   | ISO 10545 -4         | $> 30$ individual 27                    | $> 35$                                |
| 10     | Abrasion Resistance                       | EN 154   | ISO 10545 - 7        | Report abrasion class and cycles passed | PEI - IV Plus                         |
| 11     | Thermal Shock Resistance                  | EN 104   | ISO 10545 - 9        | No Visible Defects                      | Resistant                             |
| 12     | Chemical Resistance (Except HF Acid)      | EN 106   | ISO 10545 - 13       | No Visible Effect                       | No Visible Effect                     |
| 13     | Resistance To Stain                       |          | ISO 10545 - 14       | Manufacture To State Class              | Resistant                             |
| 14     | MOH Scratch Hardness                      | EN 101   |                      | Min 5                                   | 6                                     |