

# NITCO



## Orbit Nero

**Size:** 300 X 300 mm | **Design:** Modern | **Finish:** Matte Finish in Vitrified Heavy Duty Body | **Series:** Kratos



Front View



Scale View

### Packaging Details

| Size         | No. of tiles in box | Coverage Area |       | Thickness |
|--------------|---------------------|---------------|-------|-----------|
|              |                     | sq/mtr        | sq/ft |           |
| 300 X 300 mm | 8.00                | 0.72          | 7.75  | 9.50      |

### Technical Specification

| Sr.No. | Test Description              | Standard Test Method | ISO 13006:1998 E Specification    | Nitco's Value               |
|--------|-------------------------------|----------------------|-----------------------------------|-----------------------------|
| 1      | Deviation in Length and Width | ISO 10545 - 2        | $\pm 0.6 \%$ (Max $\pm 2.0$ mm)   | $\pm 0.2 \%$                |
| 2      | Deviation in Thickness        | ISO 10545 - 2        | $\pm 5.0 \%$ ( Max $\pm 0.5$ mm ) | $\pm 5 \%$                  |
| 3      | Straightness of Sides         | ISO 10545 - 2        | $\pm 0.5 \%$ ( Max $\pm 1.5$ mm ) | $\pm 0.2 \%$                |
| 4      | Rectangularity                | ISO 10545 - 2        | $\pm 0.5 \%$ ( Max $\pm 2.0$ mm ) | $\pm 0.3 \%$                |
| 5      | Water Absorption              | ISO 10545 - 3        | $\pm 0.5 \%$ ( Max $\pm 2.0$ mm ) | $\pm 0.20\%$                |
| 6      | Mohs Hardness                 | En- 101              | >6                                | >7                          |
| 7      | Flexural Strength             | ISO 10545 - 4        | >35 N/mm <sup>3</sup>             | $\geq 35$ N/mm <sup>3</sup> |
| 8      | Deep Abrasion Resistance      | ISO 10545 - 6        | < 175 Cu.mm                       | < 175 Cu.mm                 |
| 9      | Breaking Strength             | ISO 10545 - 4        | >1000 N                           | >1200 N                     |
| 10     | Chemical Resistance           | ISO 10545 - 13       | No Damage                         | No Damage                   |
| 11     | Thermal Shock Resistance      | ISO 10545 - 9        | No Damage                         | No Damage                   |
| 12     | Color Resistance              | DIN 51094            | No Damage                         | No Damage                   |
| 13     | Stains Resistance             | ISO 10545 - 14       | Resistant                         | Resistant                   |
| 14     | Moisture Expansion            | ISO 10545 - 10       | NIL                               | NIL                         |

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WANT TO GET IN TOUCH WITH US?

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