



**Address:** Jetparada Road, At: Bhojapara, Ta: Wankaner, Gujarat-363621, India

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## Ace - 1021

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley.

**Size:** 12IN x 24IN | 24IN x 24IN |

**Type:** Porcelain Tiles |

**Surface:** Matt |

**Look:** Concrete | Stone |

**Color:**







## Features



Water Resistance



Durability



Heat Resistance



Cost-Effective



Variety of Designs

## Application



Bedroom



Bathroom



Kitchen



Livingroom



Out door

# SPECIFICATION

| TECHNICAL SPECIFICATIONS - GLAZED PORCELAIN - MATT, MATT WITH STRCTURE, ROCKER TILES |                                            |                                |              |
|--------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|--------------|
| CHARACTERISTIC                                                                       | STANDARD AS PER ISO-13006/EN14411          | OUR VALUE                      | TEST METHOD  |
| <b>REGULATORY PROPERTIES</b>                                                         |                                            |                                |              |
| Deviation in length & width                                                          | ± 0.5%                                     | ± 0.1%                         | ISO-10545-2  |
| Deviation in thickness                                                               | ± 5.0%                                     | ± 4.0%                         | ISO-10545-2  |
| Straightness in sides                                                                | ± 0.5%                                     | ± 0.1%                         | ISO-10545-2  |
| Rectangularity                                                                       | ± 0.5%                                     | ± 0.1%                         | ISO-10545-2  |
| Surface flatness                                                                     | ± 0.5%                                     | ± 0.2%                         | ISO-10545-2  |
| Surface quality                                                                      | Min. 95% defect free                       | > 95%                          | ISO 10545-2  |
| <b>STRUCTURAL PROPERTIES</b>                                                         |                                            |                                |              |
| Water absorption                                                                     | < 0.50%                                    | < 0.05%                        | ISO-10545-3  |
| Apparent density                                                                     | > 2.0 g/cc                                 | > 2.20 g/cc                    | DIN 51082    |
| <b>MASSIVE MECHANICAL PROPERTIES</b>                                                 |                                            |                                |              |
| Modulus of rupture                                                                   | > 35 N/mm <sup>2</sup>                     | > 40 N/mm <sup>2</sup>         | ISO-10545-4  |
| Breaking strength                                                                    | > 1300 N                                   | > 1800 N                       | ISO-10545-4  |
| Impact resistance (COR)                                                              | >0.55                                      | >0.55                          | ISO-10545-5  |
| <b>SURFACE MECHANICAL PROPERTIES</b>                                                 |                                            |                                |              |
| Surface abrasion resistance                                                          | Declared class                             | Class PEI 4 (2100 revolutions) | EN 154       |
| Surface scratch hardness (Mohs scale)                                                | 5                                          | 5                              | EN 101       |
| <b>THERMO HYGROMETRIC PROPERTIES</b>                                                 |                                            |                                |              |
| Frost resistance                                                                     | Test passed in accordance with test method | Pass                           | ISO-10545-12 |
| Thermal shock resistance                                                             | Min. 10 cycle                              | Pass                           | ISO-10545-9  |
| Moisture expansion                                                                   | 0.06mm/m                                   | 0.01mm/m                       | ISO-10545-10 |
| Thermal expansion (COE)                                                              | Max. 9.0 x 10                              | Max. 6.5 x 10                  | ISO-10545-8  |
| Crazing resistance                                                                   | No damage                                  | No damage                      | ISO-10545-11 |
| <b>CHEMICAL PROPERTIES</b>                                                           |                                            |                                |              |
| Chemical resistance                                                                  | No damage                                  | No damage                      | ISO-10545-13 |
| Stain resistance                                                                     | Min. Class 3                               | Class 5                        | ISO-10545-14 |
| <b>SEFETY PROPERTIES</b>                                                             |                                            |                                |              |
| Slip resistance (COF)                                                                | Declared value                             | > 0.40 dry, > 0.40 wet         | ISO-10545-17 |
| Reaction to fire                                                                     | Class A1 or A1fl                           | Class A1 - A1fl                | N.A.         |

# Thank you

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