

**Bamboo Grey - 80X240cm 15mm - [mayceramica.com](http://mayceramica.com)**



**Color**

Grey

**Size**

80X240cm 15mm

**Material**

Porcelain

**Finishing**

Carving Matt



| CHARACTERISTIC                            | STANDARD AS PER ISO-13006/EN14411 GROUP BIA | MAYYAS VALUE           | TEST METHOD         |
|-------------------------------------------|---------------------------------------------|------------------------|---------------------|
| REGULATORY PROPERTIES                     |                                             |                        |                     |
| Deviation in Length & Width:              | 0.5 %                                       | 0.2 %                  | ISO- 10545-2        |
| Deviation in Thickness:                   | 0.5 %                                       | 0.5 %                  | ISO- 10545-2        |
| Straightness in side:                     | 0.5 %                                       | 0.2 %                  | ISO- 10545-2        |
| Rectangularity:                           | 0.5 %                                       | 0.2 %                  | ISO- 10545-2        |
| Surface flatness:                         | 0.5 %                                       | 0.2 %                  | ISO- 10545-2        |
| Color difference:                         | Unaltered                                   | No change              | ISO- 10545-16       |
| Glossiness:                               | As per mfg.                                 | Min 90 %               | GLOSSOMETER         |
| STRUCTURAL PROPERTIES                     |                                             |                        |                     |
| Water absorption:                         | < 0.50%                                     | < 0.05 %               | ISO- 10545-3        |
| Apparent density:                         | > 2.0 g/cc                                  | > 2.10 g/cc            | DIN 51082           |
| MASSIVE MECHANICAL PROPERTIES             |                                             |                        |                     |
| Modulus of rupture:                       | Min. 35 N/mm2                               | Min. 42 N/mm2          | ISO- 10545-4        |
| Breaking strength:                        | Min. 1300 N                                 | Min. 2800 N            | ISO- 10545-4        |
| Impact resistance:                        | As per mfg.                                 | Min. 0.75              | ISO- 10545-5        |
| SURFACE MECHANICAL PROPERTIES             |                                             |                        |                     |
| Surface abrasion resistance:              | As per mfg.                                 | Min. Class 3           | ISO- 10545-7        |
| MOH's hardness:                           | As per mfg.                                 | Min. Class 4           | EN 101              |
| THERMO HYGROMETRIC PROPERTIES             |                                             |                        |                     |
| Frost resistance:                         | No damage                                   | No damage              | ISO- 10545-12       |
| Thermal shock resistance:                 | No damage                                   | No damage              | ISO- 10545-9        |
| Moisture expansion:                       | Nil                                         | Nil                    | ISO- 10545-10       |
| Thermal expansion (COE):                  | Max 9.0 x 10-6                              | Max 6.5 x 10-6         | ISO- 10545-8        |
| Crazing resistance:                       | As per mfg.                                 | Min. 10 cycle          | ISO- 10545-11       |
| CHEMICAL PROPERTIES                       |                                             |                        |                     |
| Chemical resistance:                      | No damage                                   | No damage              | ISO- 10545-13       |
| Stain resistance:                         | Resistant                                   | Resistant              | ISO- 10545-14       |
| SAFTEY PROPERTIES                         |                                             |                        |                     |
| Slip resistance:                          | As per mfg.                                 | > 0.40                 | ISO- 10545-17       |
| Fire resistance:                          | As per mfg.                                 | Fireproof              | N. A                |
| Lead & Cadmium given off by glazed tiles: | As per mfg.                                 | Does not yield Pb & Cd | ISO- 10545-15       |
| SIZE                                      | THICKNESS                                   | TILE / BOX             | COVERAGE AREA / BOX |
| 80X240cm :                                | 15mm                                        | 1PC                    | 1.92 Sq.M           |