

E-CERAMIC

TECHNICAL SPECIFICATIONS

PRODUCT: PORCELAIN TILE FULL BODY - ST69Q0


PRODUCTION NORM: ISO 13006

TYPE: Bla

NOMINAL SIZE: 60X60 CM

WORK SIZE: 600X600 MM

WORK SIZE THICKNESS: 9 MM

| TECHNICAL FEATURES | | SPECIFICATIONS | UNIT | AVARAGE | STANDART |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------|-------------------|----------------------------------------|-----------------------------|
| 1. Dimensions and Surface Quality | | | | | |
| 1.1 Length | | ± 0.6% MAX | mm | 599,64 ~ 600,36 | ISO-10545-2 |
| 1.2 Whidth | | ± 0.6% MAX | mm | 599,64 ~ 600,36 | |
| 1.3 Thickness | | ± 5% MAX. | mm | 8,55 ~ 9,45 | |
| 1.4 Straightness of sides | | ± 0.5% MAX | mm | - 0,30 ~ + 0,30 | |
| 1.5 Regularity | | ± 0.5% MAX | mm | - 0,30 ~ + 0,30 | |
| 1.6 Surface flatness | 1.6.1 Centre curvature | ± 0.5% MAX | mm | - 0,30 ~ + 0,30 | |
| | 1.6.2 Edge curvature | ± 0.5% MAX | mm | - 0,30 ~ + 0,30 | |
| | 1.6.3 Warpage (vs diagonal) | ± 0.6% MAX | mm | - 0,40 ~ + 0,40 | |
| 1.7 Surface quality | | 95 | % | 95 | |
| 2. Physical Properties | | | | | |
| 2.1 Water absorption | | ≤ 0,5 | % | 0,1 | ISO-10545-3 |
| 2.2 Modulus of Rupture | | ≥ 35 N / mm ² | N/mm ² | 38 N / mm ² | ISO-10545-4 |
| 2.3 Resistance to Surface Abrasion | | ≤ 175 mm ³ | mm ³ | 140 mm ³ | ISO-10545-6 |
| 2.4 Thermal shock resistance | | RESISTANT (YES/NO) | - | RESISTANT | ISO-10545-9 |
| 2.5 Frost resistance | | RESISTANT (YES/NO) | - | RESISTANT | ISO-10545-12 |
| 2.6 Static coefficient of friction (SCOF) | 2.6.1 Dry | μ>0.4 | - | μ>0.6 | ASTM-C1028 |
| | 2.6.2 Wet | μ<0.4 | - | μ<0.6 | |
| Dinamic coefficient of friction (DCOF) | | ≤ 0,4 - Slip > 0,4 Antslip | - | < 0.4 - SLIP | ANSI A 137-1, Section 9.6 |
| 3. Chemical Properties | | | | | |
| 3.1 Resistance to chemicals | | Ubmin | - | ULA | ISO-10545-13 |
| 3.2 Resistance to staining | | 1 a 5 1- Impossible to eliminate 5- Maximum ease | - | 4 | ISO-10545-14 |
| 4. Shade Variation | | | | | |
| | | V1 a V4 | | V1 | ANSI A 137-1, Section 5.4.2 |
| 5. Acceptande of Supplier | | | | | |
| Acknowledgment and acceptance of the terms and requirements defined or referenced in this Technical Specification. | | | | | |
| Company: ECERAMIC | | | | Title: Quality Control Director | |
| Name: Archt. Ricardo Porto | | | | Date: November 9, 2023 | |
| Signature:  | | | | | |