

| CHARACTERISTICS | STANDARD AS PER ISO-13006/EN14411 GROUP BLA | Mean Value of NEWARK PGVT | Mean Value of NEWARK GVT | Test Method |
|--|---|-----------------------------|-----------------------------|--------------|
| REGULATORY PROPERTIES | | | | |
| Deviation in Length & Width | ± 0.5 % | ± 0.1 % | ± 0.1 % | ISO-10545-2 |
| Deviation in Thickness | ± 5.0 % | ± 4.0 % | ± 4.0 % | ISO-10545-2 |
| Straightness in Side | ± 0.5 % | ± 0.1 % | ± 0.1 % | ISO-10545-2 |
| Rectangularity | ± 0.6 % | ± 0.1 % | ± 0.1 % | ISO-10545-2 |
| Surface Flatness | ± 0.5 % | ± 0.2 % | ± 0.2 % | ISO-10545-2 |
| Colour Difference | Unaltered | No Change | No Change | ISO-10545-16 |
| Glossiness | As per Mfg. | Min. 90 % | Min. 4 % | GLOSSOMETER |
| STRUCTURAL PROPERTIES | | | | |
| Water Absorption | ± 0.5 % | ± 0.2 % | <0.50 % | ISO-10545-3 |
| Apparent Density | > 2.0 g/cc | > 2.10 g/cc | > 2.10 g/cc | DIN 51082 |
| MASSIVE MECHANICAL PROPERTIES | | | | |
| Modulus of Rupture | Min. 35 N/mm ² | Min. 40 N/mm ² | Min. 40 N/mm ² | ISO-10545-4 |
| Breaking Strength | Min. 1300 N | Min. 2000 N | Min. 2000 N | ISO-10545-4 |
| Impace Resistance | As per Mfg. | Min. 0.55 | Min. 0.55 | ISO-10545-5 |
| SURFACE MECHANICAL PROPERTIES | | | | |
| Surface Abrasion Resistance | As per Mfg. | Min. CLASS 3 | Min. CLASS 4 | ISO-10545-7 |
| MOH's Hardness | As per Mfg. | Min. 4 | Min. 5 | EN 101 |
| THERMO HYDROMETRIC PROPERTIES | | | | |
| Frost Resistance | No Damage | No Damage | No Damage | ISO-10545-12 |
| Thermal Shock Resistance | No Damage | No Damage | No Damage | ISO-10545-9 |
| Moisture Expansion | Nil | Nil | Nil | ISO-10545-10 |
| Thermal Expansion (COE) | Max. 9.0 x 10 ⁻⁶ | Max. 6.5 x 10 ⁻⁶ | Max. 6.5 x 10 ⁻⁶ | ISO-10545-8 |
| Crazing Resistance | As per Mfg. | Min. 10 Cycle | Min. 10 Cycle | ISO-10545-11 |
| CHEMICAL PROPERTIES | | | | |
| Chemical Resistance | No Damage | No Damage | No Damage | ISO-10545-13 |
| Stain Resistance | Resistant | Resistant | Resistant | ISO-10545-14 |
| SAFETY PROPERTIES | | | | |
| Slip Resistance | As per Mfg. | > 0.40 | > 0.40 | ISO-10545-17 |
| Fire Resistance | As per Mfg. | Fire Proof | Fire Proof | NA |
| Lead & Cadmium given off by Glazed Tiles | As per Mfg. Pb & Cd | Does not yield | Does not yield | ISO-10545-15 |

| TILE DESCRIPTION | THICKNESS | PCS/BOX | SQM/BOX | WEIGHT | BOXES PER PALLET | TOTAL PALLETS | TOTAL BOXES | TOTAL SQM |
|-------------------------------|-----------|---------|---------|--------|------------------|---------------|-------------|-----------|
| 30x60 Ceramic Elevation Tiles | 9.00 | 5 | 0.90 | 14.00 | 96 | 20 | 1920 | 1728.00 |
| 30x60 Gres Elevation Tiles | 9.50 | 5 | 0.90 | 17.00 | 78 | 20 | 1560 | 1404.00 |
| 60x60 Soluble Salt Tiles | 7.20 | 4 | 1.44 | 22.50 | 56 | 22 | 1232 | 1774.08 |
| 60x60 Glazed Porcelain Tiles | 8.50 | 4 | 1.44 | 26.50 | 40 | 25 | 1000 | 1440.00 |
| 60x120 (Normal Pallets) | 8.70 | 2 | 1.44 | 28.50 | 64 & 32 | 18(12+6) | 960 | 1382.40 |
| 60x120 (Euro Size Pallets) | 8.70 | 2 | 1.44 | 28.50 | 32 | 30 | 960 | 1382.40 |
| 20x120 Wooden Tiles | 9.00 | 5 | 1.20 | 24.00 | 42 | 27 | 1134 | 1360.80 |
| 80x160 | 9.00 | 2 | 2.56 | 53.00 | 48 & 12 | 14(10+4) | 528 | 1351.68 |
| 120x120 | 9.00 | 2 | 2.88 | 60.00 | 28 & 15 | 17(13+4) | 424 | 1221.12 |