





























































TECHNICAL CHARACTERISTICS

| | | | |
|---|-------------------------------|---|-------------------------|
| | | | |
| 1 | Regulatory Properties | Deviation in Length & width | ±0.5% |
| | | Deviation in Thickness | ±5.0% |
| | | Straightness of sides | ±0.5% |
| | | Rectangularity | ±0.5% |
| | | Surface flatness (Curvature & Warpage) | ±0.5% |
| | | | |
| 2 | Structural Properties | Water Absorption | ≤0.5% |
| | | Apparent Density | >2.28gm/cc |
| | | | |
| 3 | Massive Mechanical Properties | Flexural Modulus of Rupture(MOR)N/mm ² | Min 42N/mm ² |
| | | Flexural Breaking strength | 1300 N |
| | | Impact resistance | Min 0.55 |
| | | | |
| 4 | Surface Mechanical Properties | Deep Abrasion Resistance | Max 175mm ³ |
| | | Moh's hardness | Min 6 |
| | | Surface Abrasion resistance | Min Class IV |
| | | | |
| 5 | Thermo Hydrometric Properties | Frost Resistance | No Damage |
| | | Thermal shock resistance | No Damage |
| | | Moisture Expansion | NIL Max 9.0 x |
| | | Thermal Expansion | 10-6 NA |
| | | Crazing resistance | |
| | | | |
| 6 | Chemical Properties | Chemical Resistance | No Damage |
| | | Stain Resistance | Resistant |
| | | | |
| 7 | Safety | Slip Resistance | >0.40 |
| | | (Friction Co Efficient) | |

PACKING DETAILS

| SIZE | THICKNESS | TILES PER BOX | COVERAGE AREA (Approx) |
|------------|-----------|---------------|------------------------|
| 600X1200MM | 20mm | 1 Pcs. | 0.72 Sq. Mtr. |