
















TECHNICAL SPECIFICATIONS OF REGENCY DURO TILES

| PROPERTIES | I.S. - 4457 | REGENCY DURO | PROPERTIES | I.S. - 4457 | REGENCY DURO |
|---|-------------------------------|-----------------------|---|---|-------------------------------------|
|  Deviation in length | ± 2.5% | ± 0.75% |  Thermal Expansion | Max. $9 \times 10^{-6} \text{ k}^{-1}$ (EN 176) | $< 6 \times 10^{-6} \text{ k}^{-1}$ |
|  Deviation in thickness (According to the thickness indicated) | ± 2.5% | ± 2.0% |  Thermal shock resistance | No damage | No damage |
|  Wedging | ± 1.0% | ± 0.5% |  Resistance to acid (Wt. loss) | < 1.5% | < 0.4% |
|  Surface Flatness | ± 1.5% | ± 0.2% |  Breaking Strength | -- | $> 400 \text{ kg/cm}^2$ |
|  Water absorption | < 2.0% | < 0.5% |  Density (gm/cm^3) | > 2 (EN 176) | 2.4 |
|  Mohs hardness | — | 8 |  Stain resistance | Resistant (EN 176) | Resistant |
|  Flexural strength | $> 20 \text{ N/mm}^2$ | $> 45 \text{ N/mm}^2$ |  Moisture Expansion | Nil (EN 176) | Nil |
|  Abrasion resistance | $< 204 \text{ mm}^3$ (EN 176) | $< 180 \text{ mm}^3$ | * Applicable to First Quality Tiles only | | |