

**BELGA LIGHT GREY ECO 600X600mm**

Classification according to SANS 1449:2012

| Characteristics                                          | Standard  | Required      | Achieved      |
|----------------------------------------------------------|-----------|---------------|---------------|
| LENGTH RANGE                                             | SANS 1449 | +/- 0.5%      | 600           |
| WIDTH RANGE                                              | SANS 1449 | +/- 0.5%      | 600           |
| THICKNESS RANGE                                          | SANS 1449 | +/- 5%        | 7.8           |
| STRAIGHTNESS OF SIDES                                    | SANS 1449 | +/- 0.3%      | +/- 0.3       |
| RECTANGULARITY                                           | SANS 1449 | +/- 0.5%      | +/- 0.5       |
| CENTRE CURVATURE                                         | SANS 1449 | + 0.5 / - 0.3 | + 0.5 / - 0.3 |
| EDGE CURVATURE                                           | SANS 1449 | + 0.5 / - 0.3 | + 0.5 / - 0.3 |
| WARPAGE                                                  | SANS 1449 | +/- 0.5%      | +/- 0.5       |
| WATER ABSORPTION                                         | SANS 1449 | $0.5 < E < 3$ | 2.65          |
| MODULUS OF RUPTURE (Mpa)                                 | SANS 1449 | Min 30        | 39.52         |
| SCRATCH RESISTANCE (MOHS)                                | SANS 1449 | Min 5         | 7.5           |
| RESISTANCE TO SURFACE ABRASION (PEI)                     | SANS 1449 | Min 2 Low     | 4 High        |
| SLIP RESISTANCE RATING                                   | DIN 51130 | Min R9        | R9            |
| COEFFICIENT OF LINEAR THERMAL EXPANSION (10-6/C)         | SANS 1449 | Max 9         | 4.8 – 8       |
| RESISTANCE TO HOUSEHOLD CHEMICALS & SWIMMING POOL AGENTS | SANS 1449 | Min Class B   | Class AA      |
| RESISTANCE TO STAINING                                   | SANS 1449 | Min Class II  | Class 1       |
| RESISTANCE TO CRAZING                                    | SANS 1449 | No crazing    | No crazing    |
| MOISTURE EXPANSION                                       | SANS 1449 | < 0.05%       | 0.017         |

**SLIP RESISTANCE**


**Note:** The classification gives the parameter to determine the sliding resistance. The group R9 is less anti-slip, while the group R13 has the maximum effectiveness.