



**MAJESTIC EXTERIOR
(EXTERIOR GRADE HIGH PRESSURE COMPACT LAMINATE)**

Technical Specification

| S.NO | Properties | EDF Grade Specification As per EN 438 - Part -6 | Majestic Values |
|------|-----------------------------------------------|-------------------------------------------------|-------------------------|
| 1 | Thickness (mm) (Max) | | |
| | 5.00 ≤ t 8.00 (mm) | 6.00 ± 0.40 mm | 6.10mm |
| 2 | Length (mm) | 2440.00 +10.00/- 0.00 mm | 2441.00 mm |
| 3 | Width (mm) | 1220.00 + 10.00/- 0.00 mm | 1221.00 mm |
| 4 | Edge straightness mm (Max) | 1.50mm/m | 0.88 mm/m |
| 5 | Edge squareness mm (Max) | 1.50mm/m | 0.80 mm / m |
| 6 | Flatness (mm) (Max) | | |
| | 2.00 ≤ t < 6.00 (mm) | 8.00 mm/m | 3.60 mm/m |
| | 6.00 ≤ t < 10.00 (mm) | 5.00 mm/m | 2.40 mm/ m |
| | t ≥ 10.00 mm | 3.00 mm/m | 1.50 mm/m |
| 7 | Tensile Strength (Min) | 60 Mpa. | 68Mpa. |
| 8 | Density, gm. / cm ³ (Min) | 1.35 gm./ cm ³ | 1.48gm./cm ³ |
| 9 | Resistance to wet conditions | | |
| | a) Mass increase (%) Max | | |
| | 2.00 ≤ t < 5.00 (mm) (t = nominal thickness) | 10% | 3.20% |
| | t ≥ 5.00 mm | 8% | 2.50% |
| | b) Appearance not worse than | Rating 4 | Rating 5 |
| 10 | Dimensional Stability at elevated temperature | | |
| | 2.00 ≤ 5.00 (mm) (t = nominal thickness) | | |
| | a) Longitudinal, % Max | 0.40% | 0.20% |
| | b) Transverse, %Max | 0.80% | 0.40% |
| | t ≥ 5.00 mm | | |
| | a) Longitudinal, % Max | 0.30% | 0.20% |
| | b) Transverse, %Max | 0.60% | 0.35% |
| 11 | Resistance to Impact by large diameter ball | | |
| | a) Drop height mm (Min) | | |
| | 2.00 ≤ t 5.00 (mm) (t = nominal thickness) | 1400.00 mm | 1600.00 mm |
| | t ≥ 5.00 mm | 1800.00 mm | 2000.00 mm |
| | b) Indentation dia; mm (Max) | 10.00 mm | 6.00 mm |
| 12 | Resistance to UV light | After 1500 hrs Exposure | 1500 hrs passes |
| | a) Gray scale rating (not worse than) | Rating 3 | Rating 4 |
| | b) Appearance (Min) | Rating 4 | Rating 4 |
| 13 | Spread of flame (As per ASTM E84) | Class 1 and Class A | Class 1 and Class A |

Remarks : E (Exterior Grade), S (Server Use), F (Flame Retardant Grade)