

# Technical Specifications

| S.No. | PERFORMANCE CHARACTERISTICS                       | REQUIREMENT AS PER IS 2046: 1995 | NEW MIKA VALUES |
|-------|---|----------------------------------|-----------------|
|       | <b>Type and Thickness</b>                         | HGS, Thickness 1.0 mm            |                 |
| 1     | Dimensional Properties                            |                                  |                 |
|       | Length X Width (2440X1220)mm                      | +10, -Nil                        | Conforms        |
|       | Thickness (mm)                                    | 1.0 ± 0.10                       | Conforms        |
|       | Squareness (mm/Mtr)                               | 1.5mm (max.)                     | Conforms        |
|       | Straightness of Edges (mm/Mtr)                    | 1.5mm (max.)                     | Conforms        |
| 2     | Resistance to Dry Heat at 180°C                   | Not worse than Grade 4           | Conforms        |
| 3     | Resistance to Surface Wear, Revolutions           | 350 (min.)                       | Conforms        |
| 4     | Resistance to Immersion in Boiling Water          |                                  |                 |
|       | a) Mass Increase (%)                              | 10.0 (max.)                      | Conforms        |
|       | b) Thickness Increase (%)                         | 11.8 (max.)                      | Conforms        |
|       | c) Appearance                                     | Not worse than Grade 4           | Conforms        |
| 5     | Dimensional Stability at Deviated Temperature     |                                  |                 |
|       | Longitudinal                                      | 0.55% (max.)                     | Conforms        |
|       | Transverse  | 1.05% (max.)                     | Conforms        |
| 6     | Resistance to Impact by Small Diameter Ball, Load | 20 N (min.)                      | Conforms        |
| 7     | Resistance to Colour Change                       |                                  | Conforms        |
|       | In Xenon Arc Light                                | Not worse than Grade 6           | Conforms        |
| 8     | Resistance to Cracking                            | Not worse than Grade 4           | Conforms        |
| 9     | Resistance to Scratch                             | 2.0                              | Conforms        |
| 10    | Resistance to Stain                               | Not worse than Grade 5           | Conforms        |
| 11    | Resistance to Cigarette Burns                     | Not worse than Grade 3           | Conforms        |
| 12    | Resistance to Steam                               | Not worse than Grade 4           | Conforms        |
| 13    | Density (Kg/m <sup>3</sup> )                      | 1360–1400                        | Conforms        |

**Note:** Whereas Greenlam products are manufactured to thorough standards, the nature of the application procedure is beyond our control. The values given above are to the best of knowledge but without liability/warranty, expressed or implied.