

Technical Specifications

Greenlam High Pressure Laminates (1mm)

Properties	Unit	Specified Values As Per IS:2046 Type HGS	Greenlam Conforms
1.) Resistance to surface wear	Revolutions	350 (Min.)	√
2.) Resistance to Immersion in boiling water			
a) Mass increase	%	10.0 (Max.)	√
b) Thickness increase	%	11.8 (Max.)	√
c) Appearance	Grade	Not worse than 4	√
3.) Dimensional stability at deviated temperature			
Longitudinal	%	0.55 (Max.)	√
Transverse	%	1.025 (Max.)	√
4.) Dimensional stability at 20 °C temperature			
Longitudinal	%	0.375 (Max.)	√
Transverse	%	0.60 (Max.)	√
5.) Resistance to impact by small diameter ball	N	20.0 (Min)	√
6.) Resistance to cracking	Grade	Not worse than 4	√
7.) Resistance to scratching	N	2.0 (Min.)	√
8.) Resistance to staining			
a) Group 1 & 2	Grade	Not worse than 5	√
b) Group 3 & 4	Grade	Not worse than 4	√
9.) Resistance to colour change			
a) In xenon Arc light	Grade	Not worse than 6	√
b) In enclosed Carbon Arc light	Grade	Not worse than 5	√
10.) Resistance to Cigarette burn	Grade	Not worse than 3	√
11.) Resistance to steam	Grade	Not worse than 4	√