

For your reference, technical specifications of our range of compact laminates are stated below:

Technical Specifications		12mm/13mm		
NO.	PROPERTIES	UNIT	Specified Values As Per DIN EN 438, BSEN 438 & IS 2046: 1995	GREENLAM® SAFEGUARD™ PLUS TYPICAL VALUE
1	Thickness Thickness tolerance	mm	12.0 ± 0.5, 13.0 ± 0.5 As agreed	12.0 ± 0.28, 13.0 ± 0.28
2	Resistance to dry heat at 180°C	Grade	Not worse than 4	5
3	Resistance to surface wear	Rev.	350 (Min.)	400
4	Resistance to immersion in boiling water a) Mass increase b) Thickness c) Appearance	% % Grade	2.0 (Max.) 2.0 (Max.) Not worse than 4	0.50 0.70 5
5	Dimensional stability at deviated temperature a) Longitudinal b) Transverse	% %	0.06 (Max.) 0.53 (Max.)	0.03 0.12
6	Dimensional stability at 20°C a) Longitudinal b) Transverse	% %	0.16 (Max.) 0.28 (Max.)	0.08 0.13
7	Resistance to impact by large diameter ball a) Drop height b) Diameter of indentation	cm mm	Under consideration 10 (Max.)	200 2
8	Resistance to scratch	N	2.0 (Min.)	2.50
9	Resistance to staining a) Group 1 & 2 b) Group 3 & 4	Grade Grade	Not worse than 5 Not worse than 4	6 5
10	Resistance to colour change a) In Xerox Arc Light b) In enclosed Carbon Arc Light	Grade Grade	Not worse than 6 Not worse than 5	6 5
11	Resistance to cigarette burns	Grade	Not worse than 3	4
12	Resistance to steam	Grade	Not worse than 4	5
13	Resistance to crazing	Grade	Not worse than 4	5
14	Resistance to moisture	Grade	Not worse than 4	5
15	Flexural modulus	Mpa	10000 (Min.)	11000
16	Flexural strength	Mpa	100 (Min.)	120
17	Tensile strength	Mpa	70 (Min.)	90

Greenlam Asia Pacific warrants that all its products are free from manufacturing defects and fit for use under normal conditions for 10 years. In case of any claims, the liability of the company is limited to the cost of the product only.

Technical specifications of other thickness are available upon request.

Greenlam Safeguard™ Plus Anti-Bacterial Compact Laminates are available in following specs:-
10mm to 19mm – 6ft by 6ft, 6ft by 12ft
3mm to 18mm – 4ft by 8ft, 4.25ft by 10ft