

Technical Specifications

S. NO.	PROPERTIES	TEST METHOD AS PER EN 438 Part 2&3: 2016	UNIT	SPECIFIED VALUES FOR HGS VARIANT	GREENLAM VALUES
1	Surface Finish Offered		ZERO REFLECTION MATT		
2	Thicknesses Offered	EN 438-3 - 6.3	mm	0.8mm & 1.0mm	
	Thickness Tolerance		mm	Corresponding Tolerance	Conforms
3	Resistance to Surface Wear	EN 438-2 - 10	Rev. (min.)	350	600 (min.)
4	Resistance to Impact with Small Diameter Ball	EN 438-2 - 20	N (min.)	20	25
5	Resistance to Cracking	EN 438-2 - 23	Rating (min.)	3	≥ 4
6	Resistance to Scratching	EN 438-2 - 25	Rating (min.)	3	≥ 4
7	Dimensional Stability at Elevated Temperatures	EN 438-2 - 17			
	Machine Direction		% (max.)	0.55	0.30
	Cross Direction		% (max.)	1.05	0.60
8	Resistance to Immersion in Boiling Water, Appearance	EN 438-2 - 12	Rating (min.)	4	≥ 4
9	Resistance to Dry Heat at 160° C	EN 438-2 - 16	Rating (min.)	4	≥ 4
10	Resistance to Stains	EN 438-2 - 26			
	Group 1 & 2		Rating (min.)	5	5
	Group 3			4	≥ 4
11	Resistance to Steam	EN 438-2 - 14	Rating (min.)	4	≥ 4
12	Resistance to Water Vapour	EN 438-2 - 16	Rating (min.)	4	≥ 4
13	Resistance to Wet Heat	EN 438-2 - 18	Rating (min.)	4	≥ 4
14	Resistance to Colour Change in Xenon Arc light	EN 438-2 - 27	Rating (min.)	4 to 5	≥ 5
15	Density	EN ISO 1183 - 1	g/cm ³ (min.)	1.35	1.40

Note: Whereas Greenlam products are manufactured thoroughly to 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.