

## TECHNICAL SPECIFICATIONS

### SAMRAT UNICORE HIGH PRESSURE LAMINATES : 1mm

S. NO.	PROPERTIES	UNIT	TEST METHOD AS PER BS EN 438 PART 2 & 3 : 2016	REQUIREMENT AS PER SPECIFICATIONS	SAMRAT RESULTS
	Classification	BTS as per BS EN 438 Part 9 : 2016			
1	Thickness	mm	EN 438-2-5	1.0mm ± 0.15	Complies
2	Resistance to Dry heat at 160° C	Rating	EN 438-2-16	4 (min)	5
3	Length and Width	mm	EN 438-2-6	+10.0mm/-0.0mm	Complies
4	Resistance to Surface Wear	Rev.	EN 438-2-10	Initial Point ≥ 150	Complies
5	Resistance to immersion in boiling water (2 Hours)		EN 438-2-12		
	Appearance	Rating		Gloss Finish - 3 (min)	5
				Other Finish - 4 (min)	4
6	Dimensional stability at elevated temperature		EN 438-2-17		
	Longitudinal direction	%		0.80 (max)	0.43
	Transverse direction	%		1.40 (max)	0.68
7	Resistance to Scratching	N	EN 438-2-25	3.0 (min)	>3
8	Flatness (full sheet)	mm/n	EN 438-2-9	≤ 100	Complies
9	Resistance to water vapour	Rating	EN 438-2-14	4 (min)	5
10	Resistance to Staining	Appearance	EN 438-2-26	5 (min)	5
	Group 1 & 2	Rating			
	Group 3				
11	Density	g/cm <sup>3</sup>	EN ISO 1183-1:2004	1.40 (min)	1.43
12	Light Fastness in Xenon Arc Light	Contrast	EN 438-2-27	Grey Scale rating 4 (min)	Complies