

## Technical Specification of Aerolam Premium

R – value	1.27 m <sup>2</sup> .k/w	
Emittance (ASTM C 1371)	0.057	
Water Vapour Transmission (ASTM E 96) (perm)	0.00 (before C 1258)	
Elevated Temperature & Humidity (ASTM C 1258)	Pass	
Water Vapour Transmission (ASTM E 96) (perm)	0.00 (after C 1258)	
Bleeding & Delamination (ASTM C 1224)	Pass	
Pliability (ASTM C 1224)	Pass	
Fungi Resistance (ASTM C 1338)	Pass	
Surface Burning Characteristics (ASTM E 84)		
Flame Spread Index	0* (class a)	
Smoke Developed Index	30* (class a)	
Tensile Strength at Peak (gf/cm) (ASTM D 882)	MD	4347
	TD	3822
Elongation at Peak (%) (ASTM D 882)	MD	8
	TD	9
Tear Resistance (N/mm) (ASTM D 1004)	MD	6.4
	TD	5.6
Puncture Resistance (N) (ASTM E 154)	74	
Product Thickness	8 MM	
Bubble Size	10 MM X 4 MM	
Colour	Silver	
Quantity / Roll (Sq. Meter)	50	
Dimension of Roll	1.25 m X 40 m	