TECHNICAL DATA SHEET

	Weather temperature:23 ±2°C		Relative Humidity: 50%	
Trade Mark	S-insulation	**GRADE-S**	**TYPE-1**	**ASTM D-5147**
Product Name	**Jazeera Pro**			
Product Description	4mm, APP Modified bitumenous membrane, renforced with single carriers (non woven polyester)			
Physical Specifications	**Standard**	**Result**		
Reinforcement(Carrier)	POLYESTER (P) FIBERGLASS(FG)	P		
Upper Surface Coating	POLYETHYLENE(PE) MINERAL STONE(SL)/SAND(M)	PE		
Lower Surface Coating	POLYETHYLENE(PE) MINERAL STONE/SAND(M)	PE		
Thickness	ASTM D 5147	4.0 MM		
Length	ASTM D 5147	10.0 M		
Width	ASTM D 5147	1.0M		
Reinforcement Gm/m^2	ASTM D 5147	160 GSM		
Softening Point	ASTM D 36	150°C		
Cold Flexibility	ASTM D 5147	.-2°C		
Penitration (@25°C)	ASTM D 5	15-20 dmm		
Puncher resistance N Static/Dynamic	ASTM E 154 UEAtc.5.1.9 UEAtc.4.4.1	600-700N L3 / I3		
Tensile Strength N/5CM Longitudinal Transversal	ASTM D 5147	600-700 / 350-450		
Elongation (%) Longitudinal / Transversal	ASTM D 5147	45-50 / 45-50		
Lap Joint Strengh N/5CM Longitudinal /Transversal	ASTM D 5147	600-700 / 350-450		
Tear Resistans Longitudinal / Transversal	ASTM D 5147	300-400 / 250-350		
Water vapour transmission	ASTM E 96	0.20 Gm/m^2/24hrs		
water Tightness @3Bar	ASTM D5385	Impermeable		
water Absorption@25°C,24hrs	ASTM D 570	0.35%		

The above shown technical data are results obtained in laboratory and extra details can be provided upon request. In accordance to ASTM and UEAtc Standards results are subjected to a variation of ±20%