

BITU PURE



BITU ROLL APP MODIFIED

Complies with the requirements of ASTM D 6222 Type I & II, Grade S & G
APP Modified Bituminous Waterproofing Membrane

GENERAL TECHNICAL DATA

S. No.	Properties	Typical Result									Test Method
		BG 2/120	BG 3/120	BG 3/140	BG 4/100	BG 4/120	BG 4/140	BG 4/160	BG 4/180	BG 4/200	
1	Roll Length (l.m.) \pm 1%	20	10	10	10	10	10	10	10	10	ASTM D5147
2	Thickness (mm) \pm 0.2 mm	2	3	3	4	4	4	4	4	4	ASTM D5147
3	Unit Wieght (kg/m ²) (Plain)	2.5	3.4	3.4	4.4	4.4	4.4	4.4	4.4	4.4	ASTM D5147
4	Unit Wieght (kg/m ²) (Granular)	-	-	-	-	-	4.8	4.8	4.8	4.8	ASTM D5147
5	Carrier Polyester (g/m ²)	120	120	140	100	120	140	160	180	200	UEAtc,M.O.A.T.30
6	Coating Asphalt	Atactic Polypropylene Polymer Modified Bitument (APP Modified)									
7	Softning Point (°C)	150 \pm 10									ASTM D 36
8	Penetration at 25° C, dmm	15-30									ASTM D 5
9	Cold Flexibility, °C	0 to -2									ASTM D5147
10	Tensile Strength @23 \pm2 °C, N/5cm (KN/m)										
	Longitudinal	500	500	600	350	500	600	700	850	900	ASTM D5147
	Transverse	350	350	500	300	350	500	550	650	700	
11	Elngation, % @23 °C										
	Longitudinal	40	40	40	40	40	40	40	45	45	ASTM D5147
	Transverse	45	45	45	45	45	45	45	50	50	
12	Tear Strength (N)										
	Longitudinal	300	325	350	250	300	375	400	450	500	ASTM D4073
	Transverse	250	250	300	220	250	300	350	400	400	
13	Lap Joint Strength (N)										
	Longitudinal	500	500	600	350	500	600	700	850	900	ASTM D5147
	Transverse	350	350	500	300	350	500	550	650	700	
14	Puncture Resistance (N)	350	350	400	300	350	400	600	700	800	ASTM E 154
15	Heat Resistance at 110° C	No Flowing									ASTM D5147
16	Resistance of Water Pressure	No Leakage									DIN 52123
17	Water Absorption %	<0.2									ASTM D5147
18	Resistance to Aging	No Deterioration									ASTM D4799

*All values given are subject to 20% tolerance.

*As a manufacturer we may modify the above technical data sheet without prior notification.