

TECHNICAL DATA

EPDM -120

EPDM WATERPROOFING SYSTEM



#	PROPERTY	TEST STANDARD	SPECIFIC VALUES	TYPICAL VALUES
1	Thickness of the sheet		1.2mm	1.2mm
2	Specific Weight,kg/m ²			1.71
3	Color	ASTM D 412		
4	Tensile Strength, min, MPa	ASTM D 412	9.2	10.61
5	Tear strength, min, kN/m	ASTM D 624	26.4	36.0
6	Elongation at break %	ASTM D 412	310	480
7	Factory seam strength, Min, kN	ASTM D 816	9.1	Membrane rupture
8	Brittleness Temperature, °C	ASTM D 746	-45	-55
9	UV resistance 168 hours at 45°C	ASTM D 1149	No cracks	No cracks
10	Resistance to water absorption, Change in mass, max, after 172 hours immersion@70°C,%	ASTM 471	+8,-2	+0.86
11	Resistance to out door (UV) weathering Xenon Arc,7560kj/m ² irradiance,80°C black panel temp.	ASTM D 151	No cracks	No cracks
12	Polymer (EPDM)content %	ASTM D 297		100
13	Water Vapor Permeability ,max, perms	ASTM E 96 (Proc B or BW)	0.10	0.05

RESISTANCE TO HEAT AGING

(Properties after 172 hours exposure @118°C) ASTM D 573

1	Tensile Strength, min, MPa	ASTM D 412	8.4	10.10
2	Elongation at break %	ASTM D 412	205	280

This product have been formulated in Europe confirming ASTM standards .

