



WILLIAM JOHNSTON & COMPANY LIMITED

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Black EPDM Roofing Membrane Sheeting WJ146

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
COLOUR	VISUAL	BLACK		BLACK
DENSITY		1.10		1.10
HARDNESS	ASTM D 2240	65 ± 10 SH A	DIN 53505	65 ± 10 SH A
TENSILE STRENGTH (MIN)	ASTM D 412	90KG/CM	DIN 53504	1280.7 PSI
ELONGATION AT BREAK (MIN)	ASTM D 412	300%	DIN 53504	300%
ABRASION RESISTANCE (MAX)	ASTM D5963	250 MM	DIN 150 4649	250 MM
POLYMER CONTENT (%)		100		100
COMPRESSION SET (70 C/24 HRS) (MAX)	ASTM D395 METHOD B	24%	DIN 180 815	24%
TEAR RESISTANCE (ANGULAR) MIN	ASTM D624 METHOD C	30 KG/CM	DIN 53506	167.97 LBS/INCH
RESISTANCE TO HEAT AGING				
PROPERTIES AFTER 166 HRS @ 115C	ASTM D 573			
TENSILE STRENGTH MIN.	ASTM D 412	85KGS. /CM2	DIN 53505	1209.55 PSI
ELONGATION (%)	ASTM D 412	210	DIN 53504	210
LINEAR DIMENSIONAL CHANGE MAX. %	ASTM D 1204	+/-1		
BRITTLENESS TEMPERATURE C	ASTM D 746	-45		
RESISTANCE WATER ABSORPTION, AFTER 166HRS. ° IMMERSION @ 70 C				
% CHANGE IN MASS	ASTM D 471	4.0	DIN ISO 1817	4.0
WATER VAPOR PERMEABILITY MAX. PER- MILLS	ASTM E 96	3.5		
TEMPERATURE RESISTANCE				-30 TO +120°C

Disclaimer
Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.