



**Coru146 Black EPDM Roofing Membrane Sheeting**

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		