



BUILDING PRODUCTS OF CANADA CORP.

TECHNICAL DATA SHEET

SYNTHETIC UNDERLAYMENT

PRODECK

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DESCRIPTION:

ProDeck is a roof underlayment made from a completely waterproof construction of woven polypropylene and a non-woven topcoat.

ProDeck forms a barrier in your roofing system that helps protect roofs in the most extreme weather conditions

USES:

ProDeck is used as a synthetic underlayment under roofing materials including asphalt shingles installed on slopes of 2/12 or greater.

ProDeck roof underlayment must be installed above properly ventilated spaces as per local building codes

ProDeck roof underlayment is limited to use with roof coverings that do not involve hot asphalt or coal-tar pitch

STORAGE:

Protect rolls from the elements. Rolls should not be stored directly on the ground. Do not stack more than two (2) pallets high.

PHYSICAL PROPERTIES

Width	1.2 m (48 in)
Length	76.2 m (250 ft)
Surface /roll	92.9 m ² (1000 ft ²)
Rolls / Pallet	49

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS	TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC OR IMPERIAL	
Grab Tensile - Longitudinal (L)	N	lbf	471	106	n/a	ASTM D5034
Grab Tensile - Transverse (T)	N	lbf	480	108		
Strip Tensile - L	N/5 cm	lbf/in	298	67	n/a	ASTM D5034
Strip Tensile -T	N/5 cm	lbf/in	240	54		
Tensile Elongation - L	%	%	18	18	n/a	ASTM D5035
Tensile Elongation - T	%	%	15	15		
Trapezoidal Tear - L	N	lbf	133	30	n/a	ASTM D4533
Trapezoidal Tear - T	N	lbf	133	30		
Mullen Burst	kPa	psi	965	140	n/a	ASTM D3786
Moisture Vapour Transmission	g/(day·m ²)	grains/(h·ft ²)	0.4	0.57	n/a	ASTM E96
Pliability	n/a		Pass		No cracking	ASTM D146
Water Ponding	n/a		Pass		No dripping	CSA A220.1
Water Transmission	n/s		Pass		n/a	ASTM D4869

APPLICABLES STANDARDS

ASTM E108 Class A Fire Resistance Rating
 ICC-ES AC 188 - CCRR-1105
 ASTM D4869 for Type I, II, III and IV
 ASTM D226 for Type I and II
 CSA A123.3-05(10) for Type 1, 2 and 3