



# TECHNICAL DATA SHEET SYNTHETIC UNDERLAYMENT

## PRODECK

### 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 <sup>2</sup> (1000 ft <sup>2</sup> )
Rolls / Pallet	56

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS	TEST METHOD
	METRIC	IMPERIAL	METRIC	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 <sup>2</sup> )	grains/(h·ft <sup>2</sup> )	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