



BUILDING PRODUCTS OF CANADA CORP.

TECHNICAL DATA SHEET

SYNTHETIC UNDERLAYMENT

DECKGARD

DESCRIPTION:

Deckgard is a light-weight synthetic roofing underlayment. It is a two-side coated, woven polypropylene fabric containing a textured anti-slip surface.

USES:

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

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	1219 mm (48 in)
Length	76.2 m (250 ft)
Surface /roll	92.9 m ² (1000 ft ²)
Rolls / Pallet	30

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Grab Tensile	N	lbf	577	130	n/a		ASTM D5034
Strip Tensile	N/(5 cm)	lbf/in	815	93	n/a		ASTM D5035
Tensile Elongation	%	%	24	24	n/a		ASTM D5035
Trapezoidal Tear	N	lbf	142	32	n/a		ASTM D4533
Mullen Burst	kPa	psi	1619	235	n/a		ASTM D3786
Moisture Vapour Transmission;	g/(day·m ²)	grains/(h·ft ²)	0.30	0.43	n/a		ASTM E96
Pliability	n/a		Pass		No cracking		ASTM D146
Water Ponding	n/a		Pass		No dripping		CAN/CS A A220.1
Low Temperature Flexibility -15°C (5°F)	n/a		Pass		No cracking		ASTM D1970
Puncture	J	ft·lbf	4.7	3.5	n/a		TAPPI 803

* UV Weathering: UV stabilizer added to coating for improved UV resistance

APPLICABLES STANDARDS

ASTM E108 Class A Fire Resistance Rating
 CAN/CSA A220.1
 Florida Building Code (FL6902)
 ICC-ES AC 188 (ESR-2185)