



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	42

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Grab Tensile (Warp/Weft)	N	lbf	511/533	115/120	n/a		ASTM D5034
Strip Tensile (Warp/Weft)	N/(5 cm)	lbf/in	701/701	80/80	n/a		ASTM D5035
Tensile Elongation (Warp/Weft)	%	%	18/15	18/15	n/a		ASTM D5035
Trapezoidal Tear (Warp/Weft)	N	lbf	133/124	30/28	n/a		ASTM D4533
Mullen Burst	kPa	psi	1241	180	n/a		ASTM D3786
Water Transmission	n/a		Pass		n/a		ASTM D4869
Pliability	n/a		Pass		No cracking		ASTM D146
Water Ponding	n/a		Pass		No dripping		CAN/CSA A220.1

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

APPLICABLES STANDARDS

ASTM E108 Class A Fire Resistance Rating
 ICC-EC AC 188 **CCRR-1105**
 ASTM D8257
 ASTM D4869 for Type I, II, III, IV
 ASTM D226 for Type II
 CSA A123.3-05(10) for Type 1, 2 and 3