



BUILDING PRODUCTS OF CANADA CORP.

TECHNICAL DATA SHEET

SATURATED FELT

#15 D4869 HEAVY DUTY

DESCRIPTION:

This saturated felt #15 D4869 Heavy Duty is a uniform flexible felt of organic fibres, impregnated with an asphalt saturant. Guide lines have been placed on the top surface for easy alignment of asphalt shingles.

USES:

This saturated felt #15 D4869 Heavy Duty is used as the felt base for shingle underlayment in steep slope roofing.

STORAGE:

Stand rolls upright and protect from the elements. Rolls should not be stored directly on the ground.

PHYSICAL PROPERTIES

Width	914 mm (36 in)
Length	43.8 m (144 ft)
Surface	40.14 m ² (432 ft ²)
Guide lines	Every 50 mm (2 in)
Rolls / Pallet	36

CHARACTERISTICS	UNITS		RESULTS BP		REQUIREMENTS		TEST METHOD
	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	
Average breaking strength at 23°C (73°F), with fibre grain, min.	kN/m	lbf/in	Pass	Pass	5.2	30	ASTM D146
Average breaking strength at 23°C (73°F), across fibre grain, min.	kN/m	lbf/in	Pass	Pass	2.6	15	ASTM D146
Pliability with a radius of 12.7 mm (1/2 in)	mm	in	Pass	Pass	No crack	No crack	ASTM D146
Moisture at manufacturing	%	%	Pass	Pass	2	2	ASTM D146
Liquid water transmission test			Pass	Pass	Pass	Pass	ASTM D4869
Net mass of saturated felt, min.	g/m ²	lb/100 ft ²	Pass	Pass	390	8.0	ASTM D146
Net mass of saturant min.	g/m ²	lb/100 ft ²	Pass	Pass	195	4.0	ASTM D146
Net mass of desaturated felt, min.	g/m ²	lb/100 ft ²	Pass	Pass	195	4.0	ASTM D146
Saturation min.	%	%	Pass	Pass	100	100	ASTM D146
Saturation efficiency min.	% by wt	% by wt	Pass	Pass	75	75	ASTM D146

APPLICABLE STANDARDS

ASTM D4869 Type 1