

Premier #15 Felt Perforated



Description

Premier #15 Felt Perforated consists of a high strength organic fibre mat, saturated with premium waterproofing asphalt. Premier #15 Felt is perforated in a uniform pattern at a density of more than 5000 perforations per square metre to permit the escape of air and moisture during application.

Features

- Accurate, easy to see lay lines for 2, 3, 4 & 5 ply configurations.
- Consistent perforation pattern to assist in vapour relief during application.
- Uniform roll diameter for felt layer or mini-mopper application.
- Rigorous plant quality control ensures proper roll wind tension to eliminate "stickiness" and possible tearing during application.

Uses

Premier #15 Felt Perforated is used as the reinforcing ply in conventional built-up roof membranes when combined with moppings of hot roofing asphalt to form the waterproofing membrane. Premier # 15 Felt Perforated is also used as the reinforcing component in hot asphalt two ply vapour barrier assemblies.

Typical Physical Properties Table

Physical Properties

Width of Roll	914 mm (36 in)
Length of Roll	43.73 m (143.5 ft)
Surface Area	40 m ² (430.5 ft ²)
Weight per Roll (approx)	24.5 kg (54 lbs)
Rolls per Pallet	25

Physical Requirements CAN/CSA A123.3-05 Asphalt Saturated Organic Roofing Felt

Requirement	Test Method	Standard Limit	Typical Results
Width tolerance, %	n/a	± 0.5	pass
Length tolerance, %	n/a	± 0.5	pass
Loss on heating, %	ASTM D-146	max. 4%	pass
Saturation percentage	ASTM D-146	min. % by mass 120	pass
Saturation efficiency	ASTM D-146	min. % 70	pass
Pliability	ASTM D-146	no cracks	pass
Breaking strength			
Machine direction	ASTM D-146	min. 5.2 Kn/m (30 lb/in)	7.1 (41)
Cross machine direction	ASTM D-146	min. 2.6 Kn/m (15 lb/in)	3.6 (21)
Number of holes	ASTM D-146	min 1200/m ² (111/ft ²)	5760 (533)
Openness of holes	ASTM D-146	min. 30%	pass
Mass of saturated felt	ASTM D-146	548 g/m ² (11.2 lb/100 ft ²)	610 (12.47)
Mass of desaturated felt	ASTM D-146	240 g/m ² (4.9 lb/100 ft ²)	261 (5.33)
Moisture Content %	ASTM D-146	max. 3%	<3%

Application Procedures

Premier Felt should be stored upright, off the ground and covered with a breathable, waterproof tarpaulin if left uninstalled for an extended period of time. Premier Felt may be installed either manually or with a felt layer, plies shall be in accordance with the specification and starter shingle style felts are required. Roofing asphalt shall be EVT at point of application and interplay mopping weights shall be in accordance with the current edition of the CRCA Manual recommendations. Phase construction of built-up roofing membranes is not permitted.

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