



Dakota (RT664)

Description

Dakota is a three-tab asphalt shingle made from a fibreglass mat and surfaced with mineral granules. Dakota is covered by a 25 year Warranty; its Standard Wind Warranty covers up to 115 km/h (70 mph) and its High Wind Warranty covers up to 130 km/h (80 mph) (as per special application instructions).

Usage

Dakota can be applied on roof slopes greater than 4/12. It can also be applied to roof slopes from 2/12 to 4/12 following special low slope application. Please refer to application instructions for further details.

Storage

Protect shingles from the weather. Do not store on the ground or in direct sunlight.

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Physical Properties

Wind Warranty	115 km/h (70 mph) => Regular application 130 km/h (80 mph) => Special application
Weight (approx.)	33 kg (73 lb)
Coverage	3 m ² (32.3 ft ²)
Exposure	143 mm (5 5/8")
Dimensions	1000 mm x 336 mm (39 3/8" x 13 1/4")
Shingles/Bundle	21
Bundles/Pallet	40

Characteristics

Characteristics	Test Method	Requirement	BP Result
Tear strength (cross direction); g (N)	D-3462	1700 (16.7)	Pass
Tensile strength (machine direction); kN/m (lb/in)	D-146	10.5 (60)	Pass
Tensile strength (cross direction); kN/m (lb/in)	D-146	7.0 (40)	Pass
Fastener pull through at 0°C; N (lbf)	D-3462	124 (28)	Pass
Average net mass per unit area of finished shingles; g/m ² (lb/100 ft ²)	D-228	4394 (90)	Pass
Mass of glass mat per unit area; g/m ² (lb/100 ft ²)	D-228	85 (1.7)	Pass
Asphalt mass per unit area; g/m ² (lb/100 ft ²)	D-228	732 (15)	Pass

Applicable Standards

ASTM D-3018
ASTM D-3462-09
CSA A123.5M
UL 790, Class A Fire Resistance