

DELTA®

HIGH PERFORMANCE AIR & MOISTURE BARRIERS

DÖRKEN

DELTA®-ROOF

Tough, Long-lasting Underlayment for Asphalt Shingle Roofs.



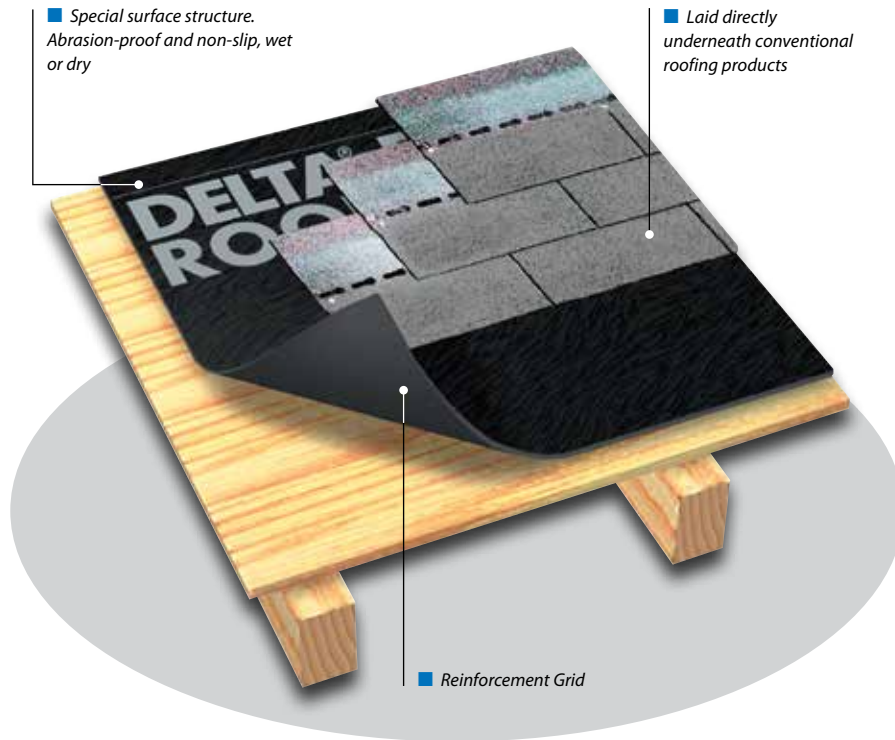
- Highest wind resistance and waterproof.
- Prevents rain damage.
- Helps prevent mold, rot, and roof leaks.
- Stronger and lighter than felt.
- Adds value to your home.



DELTA[®]-ROOF

A reliable combination of materials that protect against rain, wind, dust and driven snow.

- Consists of four layers. A watertight layer between two spun-fibre fabrics and a reinforcement grid provides much improved wind resistance and longevity over asphalt saturated base sheets.
- Is watertight and provides reliable protection against rain, wind, dust and driven snow.
- Thanks to its special surface structure, is very abrasion-proof and non-slip, wet or dry.
- Can be laid directly underneath all conventional roofing products.
- Is pleasantly light in comparison to bitumen and asphalt saturated sheathing membranes.
- Speeds up installation and reduces labor cost due to roll size and weight.



DELTA[®] quality branded products made by Dörken.

Technical Data Overview:	
Material	Spun-fibre material combined with a waterproof intermediate layer and reinforcement grid
Application	On pitched roofs with rigid sheathing
ASTM E96 (Proc. B) Water Vapor Transmission Permeance Perms	0.415 (g/m ² ·24h) 3.42 (ng/Pa/s/m ²) 0.06 (grains/h/ft ² /inHg)
ASTM D5035 MD: Breaking Load MD: Elongation at break CD: Breaking Load CD: Elongation at break	146.9 lb/2 in. (653.5 N/50 mm) 17.7 % 137.6 lb/2 in. (611.8 N/50 mm) 18.3 %
ASTM D1922 - 03a MD: Tear resistance CD: Tear resistance	2624 g 2975 g
ASTM D4533 - 2004 MD: Tearing Strength CD: Tearing Strength	41.6 lb (185.2 N) 36.1 lb (160.6 N)
ASTM D751 (sections 33-36) MD: Tearing Strength CD: Tearing Strength	N.M. 127.9 N
AATCC Test Method 42-2000 Resistance to water penetration	795.4 cm
CAN/CGSB-4.2 No 26.3 Water impact resistance	pass
ASTM D3462-03 section 8.1.11 Pull-Through Force	284.0 N
Service temperature range	-40 °F to 176 °F (-40 °C to +80 °C)
Roll weight	approx. 35 lbs (16 kg)
Roll size	164 ft x 4.92 ft (50 m x 1.5 m) 8 squares

Due to variable weather and UV conditions, we recommend efficient covering of the roof underlayment.

DELTA[®] is a registered trademark of Ewald Dörken AG, Herdecke, Germany.



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