

DELTA[®]

DELTA[®] protects property. Saves energy. Creates comfort.



COSELLA DÖRKEN

DELTA[®]-ROOF

PREMIUM QUALITY

The 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.



■ Reinforced synthetic roof underlayment

■ For ventilated pitched roofs

■ For new construction and re-roofing

DELTA®-ROOF

Technical Data (typical values):

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	0.415 (g/m ² ·24h)	
Permeance	3.42 (ng/Pa/s/m ²)	
Perms	0.06 (grains/h/ft ² /inHg)	
ASTM D5035		
MD: Breaking Load	146.9 lb/2 in. (653.5 N/50mm)	
MD: Elongation at break	17.7 %	
CD: Breaking Load	137.6 lb/2 in. (611.8 N/50mm)	
CD: Elongation at break	18.3 %	
ASTM D1922 - 03a		
MD: Tear resistance	2624 g	
CD: Tear resistance	2975 g	
ASTM D4533 - 2004		
MD: Tearing Strength	41.6 lb (185.2 N)	
CD: Tearing Strength	36.1 lb (160.6 N)	
ASTM D751 (sections 33-36)		
MD: Tearing Strength	N.M.	
CD: Tearing Strength	127.9 N	
AATCC Test Method 42-2000		
Water impact resistance	pass	
CAN/CGSB-4.2 No 26.3		
Resistance to water penetration	795.4 cm	
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.

A Reliable Combination of Materials that Protect Against Rain, Wind, Dust, and Driven Snow.

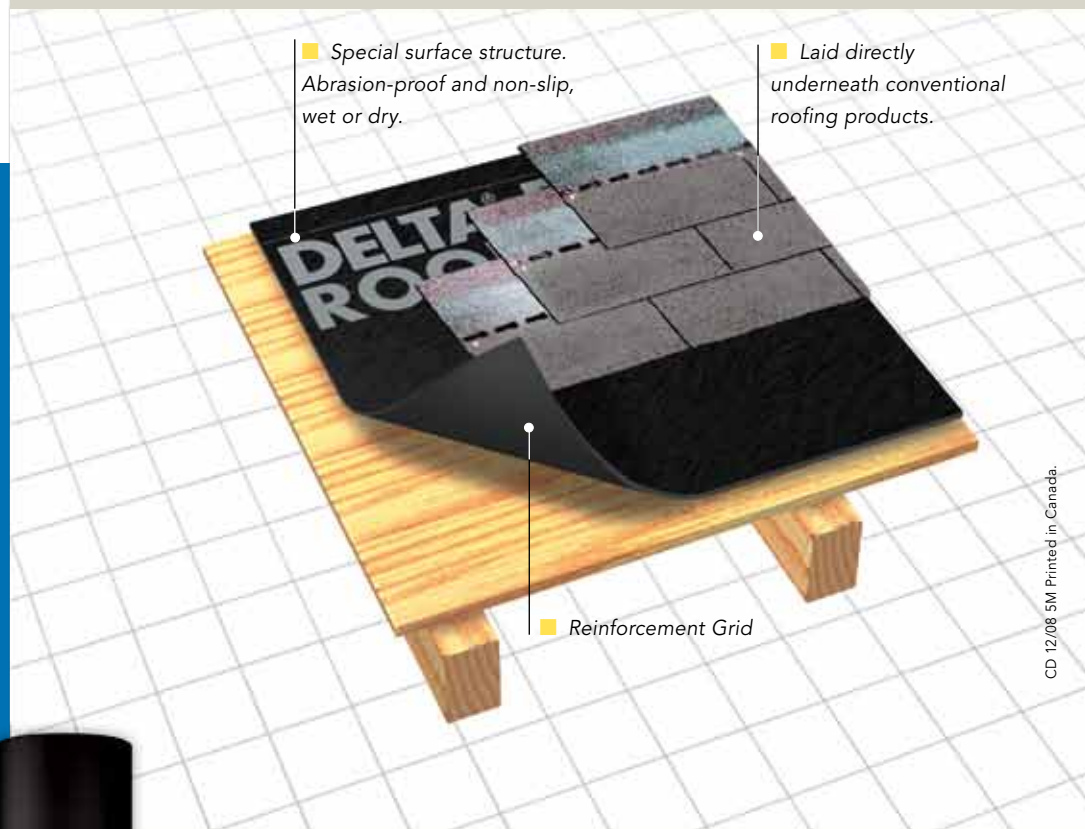
DELTA®-ROOF ...

- ... consists of four layers of material. 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.
- ... can be combined perfectly with the DELTA®-REFLEX air and vapor barrier.

Evaluation Report (Certification)
ICC-ESR 2625



DELTA®

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The information printed in this brochure reflects product information and specifications at the date of printing. The manufacturer reserves the right to make changes when necessary.

- Detailed installation instructions for all DELTA® products may be obtained from cosella-dorken.com as PDF files for you to print out and save.

DELTA® stands for quality products that you can trust - manufactured in-house by Dörken.