

DELTA[®]

HIGH PERFORMANCE AIR & MOISTURE BARRIERS

DÖRKEN

DELTA[®]-VENT SA

Vapor permeable, fully adhered
water-resistive barrier & air barrier.

**NOW EVEN
MORE
DURABLE!**



High Performance Air & Moisture Barrier



Fully Adhered:

DELTA[®]-VENT SA

The high performance solution for energy efficient wall systems.

Fully adhered membranes are less prone to air and moisture leaks that are common with other types of barriers.





- Aggressively self-adhesive.
- Has an air- and water-tight adhesive edge.
- Highly vapor permeable (50 perms).
- Evaluated by Air Barrier Association of America (abaa).
- Meets the requirements of NBC.
- Improves energy efficiency.
- Improves performance of building enclosure.
- Passes ASTM D1970 Nail Sealability.
- Helps to ensure a healthy and comfortable interior climate.
- Easy to install.
- Matte dark gray color reduces irritating glare during installation.
- NFPA 285 compliant.
- Produced in our ISO 9001 registered manufacturing plant.
- Approved under International Building Code and International Residential Code (ICC ESR-2932).
- Up to 1 year UV exposure
 - Climate Zone 1 - 180 days
 - Climate Zone 2 - 270 days
 - Climate Zone 3 and above- 365 days

Technical Data Overview:	
Color	dark gray
Vapor permeance	35 perms [grains/h/ft ² /in Hg] ASTM E96-05, Proc. A 50 perms [grains/h/ft ² /in Hg] ASTM E96-05, Proc. B
Water vapor transmission	214 g/m ² /24 h ASTM E96-05, Proc. A 343 g/m ² /24 h ASTM E96-05, Proc. B
Air leakage of air barrier assemblies	< 0.2 L/(s • m ²) @ 75 Pa (0.04 cfm/ft ² @ 1.57 lb/ft ²) ASTM 2357 - Class A1 CAN/ULC-S742-11
Air permeance	Pass (< 0.02 L/(s•m ²) @ 75 Pa) ASTM E2178 and CAN/ULC-S741-08
Breaking strength	MD 123.1 lbs/in CD 109.5 lbs/in ASTM D5035-95
Elongation at break	MD 77.5 % CD 95.1 % ASTM D882-02
90° Peel adhesion	Pass ASTM D3330/AMAA 711
Accelerated aging (UV)	Pass AAMA 711-5.5
Elevated temperature	Pass (Level 3) AAMA 711-5.5 (ASTM D3330)
Thermal cycling	Pass AAMA 711-5.6
Adhesion after water immersion	Pass AAMA 711-5.8
Bent test	Pass AC-38 3.3.4
Nail sealability	Pass ASTM D1970-01
Flame spread	Class A ASTM E84-09
Smoke developed	Class A ASTM E84-09
Roll length	115' (35 m)
Roll width	4.92' (1.5 m)

See Technical Data Sheet for further information.



DELTA®-Accessories for DELTA®-VENT SA.

Dörken makes your life easier – systematically.



DELTA®-MULTI BAND
pure acrylic adhesive tape used at overlaps of DELTA® air & water-resistive barriers.



DELTA®-FLASHING
used to seal openings for windows and doors to complete the DELTA® air & WRB system.



DELTA®-FLEXX-BAND
stretchable butyl rubber tape used at penetrations.



DELTA®-FAS CORNER
preformed to make corners in window and door openings air and water tight.



DELTA®-TILAXX
high-performance adhesive and sealant specifically designed for use with all DELTA® air-, vapor-, and water-resistive barriers.



DELTA®-LFS
is 100 % silicone ideally suited as both sealant for penetrations/overlaps and liquid flashing for windows and doors. It is compatible with all DELTA® air-, vapor-, and water-resistive barriers.



DELTA®-HF PRIMER
is a solvent-free primer for most construction substrates.

DELTA®



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

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