

DELTA[®]

HIGH PERFORMANCE AIR & MOISTURE BARRIERS

DÖRKEN

DELTA[®]-VENT SA

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



High Performance Air & Moisture Barrier

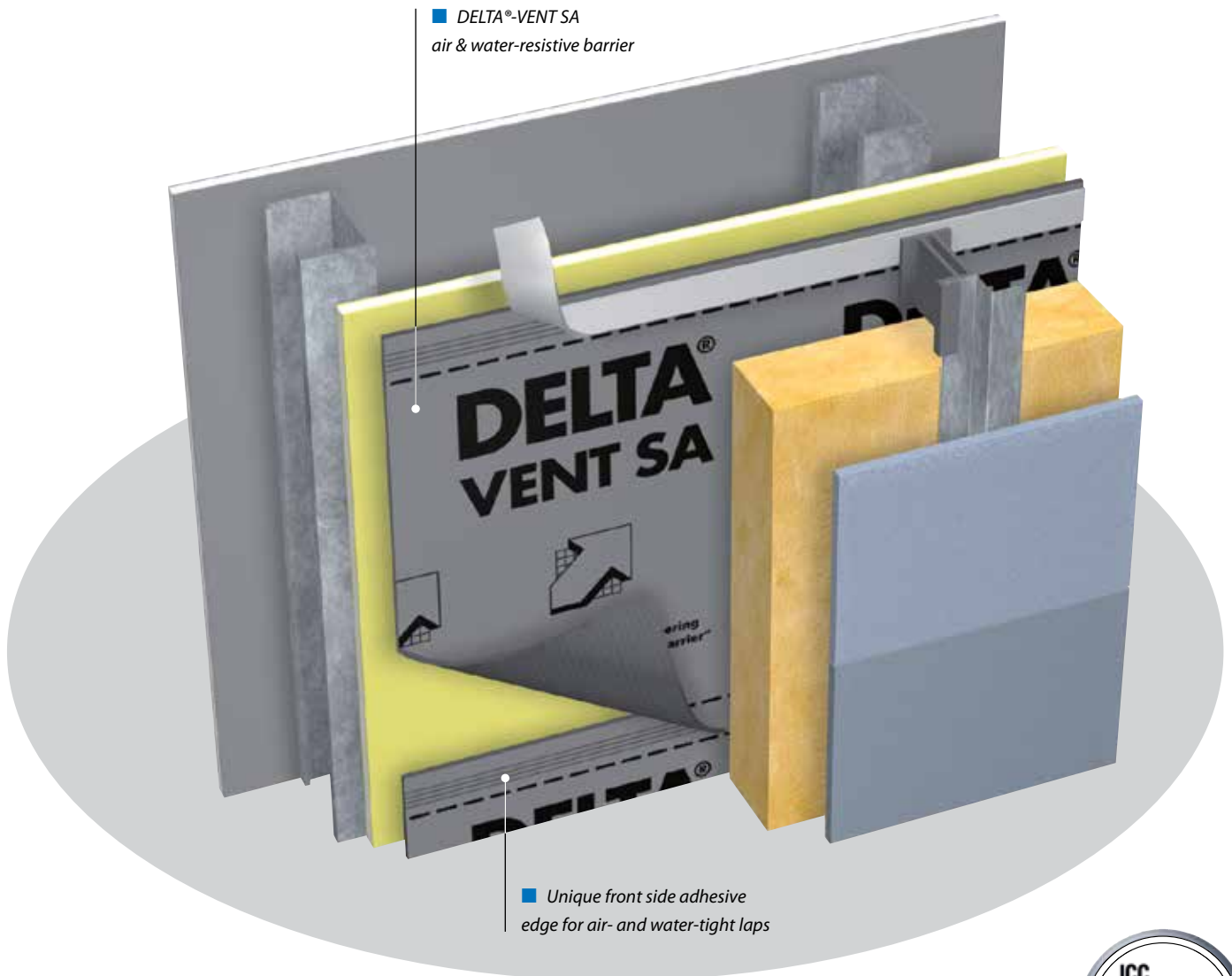


Fully Adhered:

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).
- Approved by Air Barrier Association of America (abaa).
- Meets the requirements of NBC 2010 & NBC 2015.
- 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 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).

Technical Data Overview:

| | |
|--|---|
| Color | light gray |
| Vapor permeance | 31 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 71 lbs/in CD 65.4 lbs/in ASTM D5035-95 |
| Elongation at break | MD 27.8 % CD 60.1 % ASTM D882-02 |
| 90° Peel adhesion | MD 1078 g CD 1588 g ASTM D4533-04 |
| 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), 19.5" (50 cm), 9.75" (25 cm) |

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-resistant 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-resistant 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-resistant 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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air barrier
abaa
association of
america