

DELTA[®]

HIGH PERFORMANCE AIR & MOISTURE BARRIERS

DÖRKEN

DELTA[®]-VENT S

Highly vapor permeable air and water-resistive barrier ensures an air and moisture tight building.

**NOW EVEN
MORE
DURABLE!**



High Performance Air & Moisture Barrier

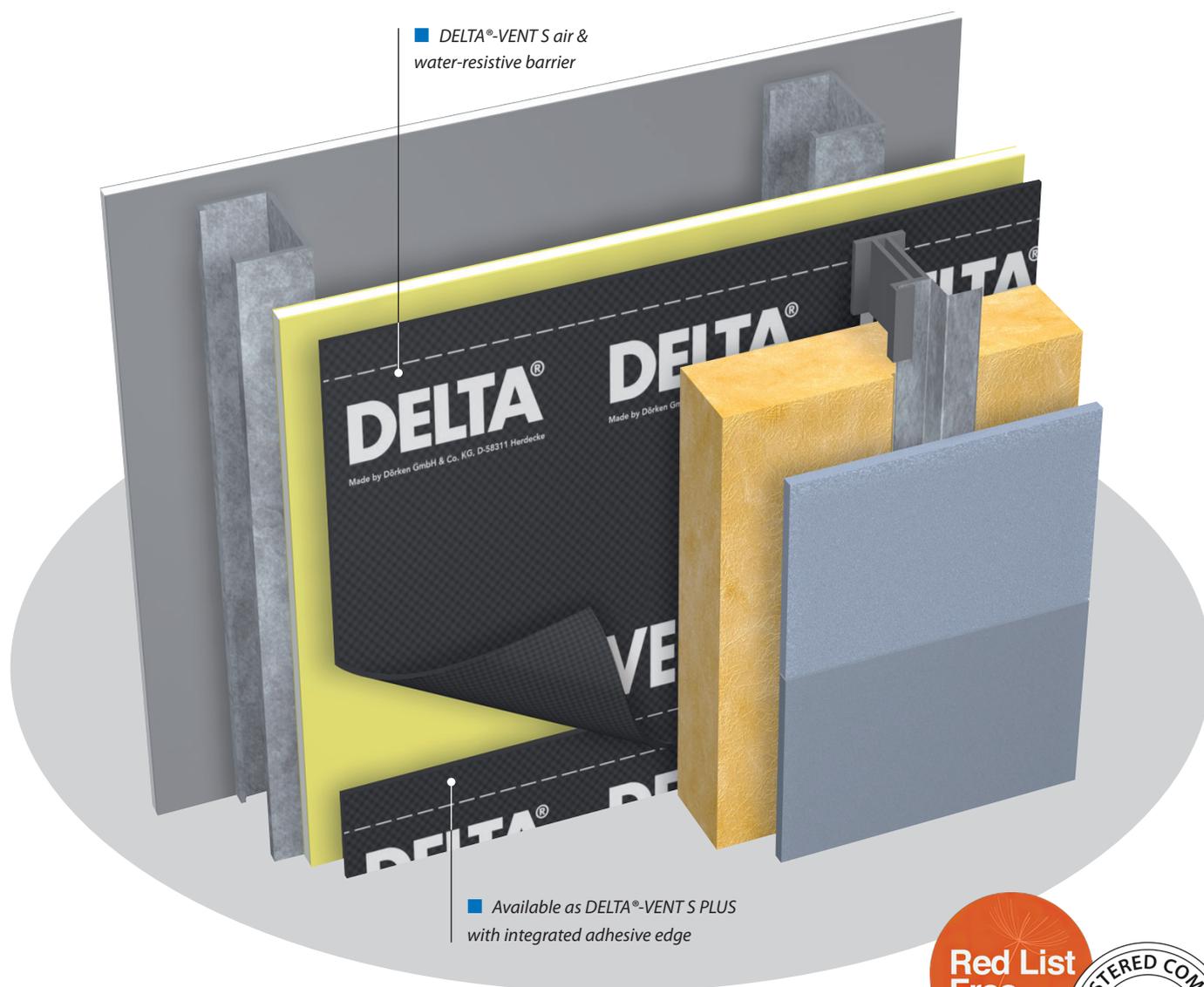


High Performance:

DELTA[®]-VENT S

Highly vapor permeable air and water-resistant barrier.

Allows damaging water vapor to escape, creating a healthier building.





- Highly vapor permeable (50 perms).
- Evaluated by Air Barrier Association of America (abaa).
- Helps to ensure a healthy and comfortable interior climate.
- High performance air barrier when used with DELTA®-Accessories.
- 3 layer high strength membrane.
- Water tight and Class A fire-rated.
- Easy to install.
- Matte black color reduces irritating glare during installation.
- NFPA 285 compliant.
- Meets CAN/ULC S742-11 Class A1
- Available as DELTA®-VENT S PLUS with integrated adhesive edge.
- 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	black
Vapor permeance	47 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	324 g/m ² /24 h ASTM E96-05, Proc. A 279 g/m ² /24 h ASTM E96-05, Proc. B
Air permeance	Pass (< 0.02 L/(s·m ²) @ 75 Pa) ASTM E2178 CAN/ULC S741-20
Breaking strength	MD 106.5 lbs/in CD 95.8 lbs/in ASTM D5035-95
Elongation at break	MD 76.1 % CD 90 % ASTM D5035-95
Air Leakage of Air Barrier Assembly	Pass Class A1: ASTM E2357 CAN/ULC S742-11
Water penetration resistance	Pass (> 5h) AATCC 127-1985
Flame spread	Class A ASTM E84-09
Smoke developed	Class A ASTM E84-09
Bent test	Pass ICC AC38
Temperature range	-40 °F to 176 °F (-40 °C to +80 °C)
Roll length	164' (50 m)
Roll width	4' 11" (1.5 m)

See Technical Data Sheet for further information.



DELTA®-Accessories for DELTA®-VENT S.

Dörken makes your life easier – systematically.



DELTA®-MULTI BAND
pure acrylic adhesive tape used at overlaps of DELTA® Air & Water-resistive Barriers.



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



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



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®-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®



05/22/25

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

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air barrier
abaa
association of america