

# 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

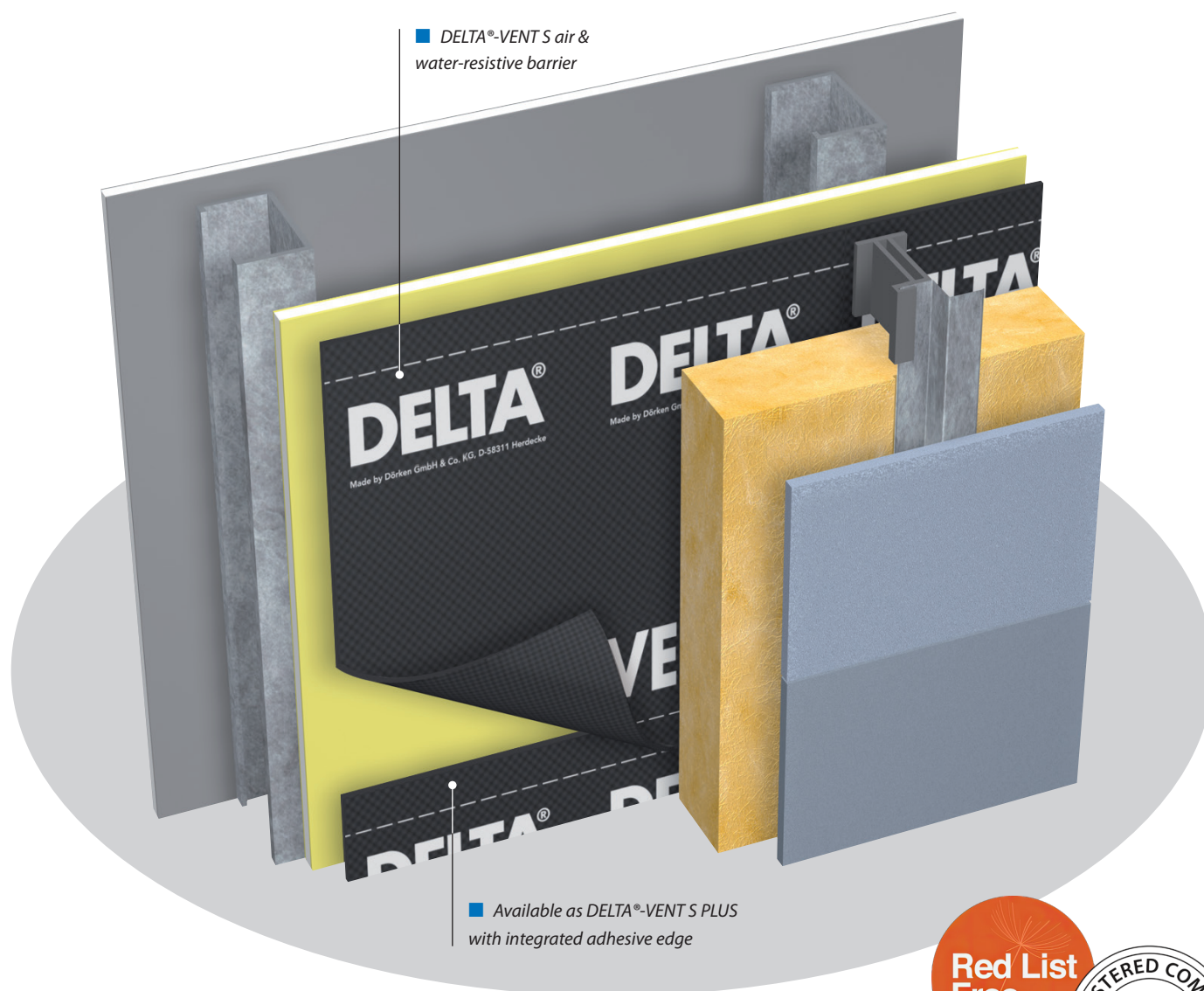


**High Performance:**

# DELTA<sup>®</sup>-VENT S

## Highly vapor permeable air and water-resistive barrier.

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



DELTA<sup>®</sup> quality branded products made by Dörken.







- Highly vapor permeable (50 perms).
- Evaluted 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:

|  |  |
|--|--|
| <b>Color</b>                               | black  |
| <b>Vapor permeance</b>                     | 47 perms [grains/h/ft <sup>2</sup> /in Hg] ASTM E96-05, Proc. A<br>50 perms [grains/h/ft <sup>2</sup> /in Hg] ASTM E96-05, Proc. B |
| <b>Water vapor transmission</b>            | 324 g/m <sup>2</sup> /24 h ASTM E96-05, Proc. A<br>279 g/m <sup>2</sup> /24 h ASTM E96-05, Proc. B                                 |
| <b>Air permeance</b>                       | Pass (< 0.02 L/(s·m <sup>2</sup> ) @ 75 Pa) ASTM E2178<br>CAN/ULC S741-20  |
| <b>Breaking strength</b>                   | MD 106.5 lbs/in CD 95.8 lbs/in ASTM D5035-95   |
| <b>Elongation at break</b>                 | MD 76.1 % CD 90 % ASTM D5035-95  |
| <b>Air Leakage of Air Barrier Assembly</b> | Pass Class A1: ASTM E2357 CAN/ULC S742-11  |
| <b>Water penetration resistance</b>        | Pass (> 5h) AATCC 127-1985   |
| <b>Flame spread</b>                        | Class A ASTM E84-09  |
| <b>Smoke developed</b>                     | Class A ASTM E84-09  |
| <b>Bent test</b>                           | Pass ICC AC38  |
| <b>Temperature range</b>                   | -40 °F to 176 °F (-40 °C to +80 °C)  |
| <b>Roll length</b>                         | 164' (50 m)  |
| <b>Roll width</b>                          | 4' 11" (1.5 m)   |

See Technical Data Sheet for further information.



# DELTA®-Accessories for DELTA®-VENT S.

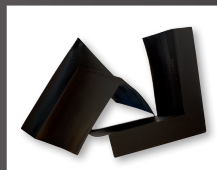
Dörken makes your life easier – systematically.



**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

**DÖRKEN**

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air barrier  
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association of  
america