

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



DELTA[®]-VENT SA

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



PREMIUM QUALITY



■ Air barrier & water-resistive barrier

■ Aggressively self-adhering

■ Highly vapor permeable

Cosella-Dörken
Leading by Technical
Competence.

Air Barrier That Sticks:

DELTA[®]-VENT SA

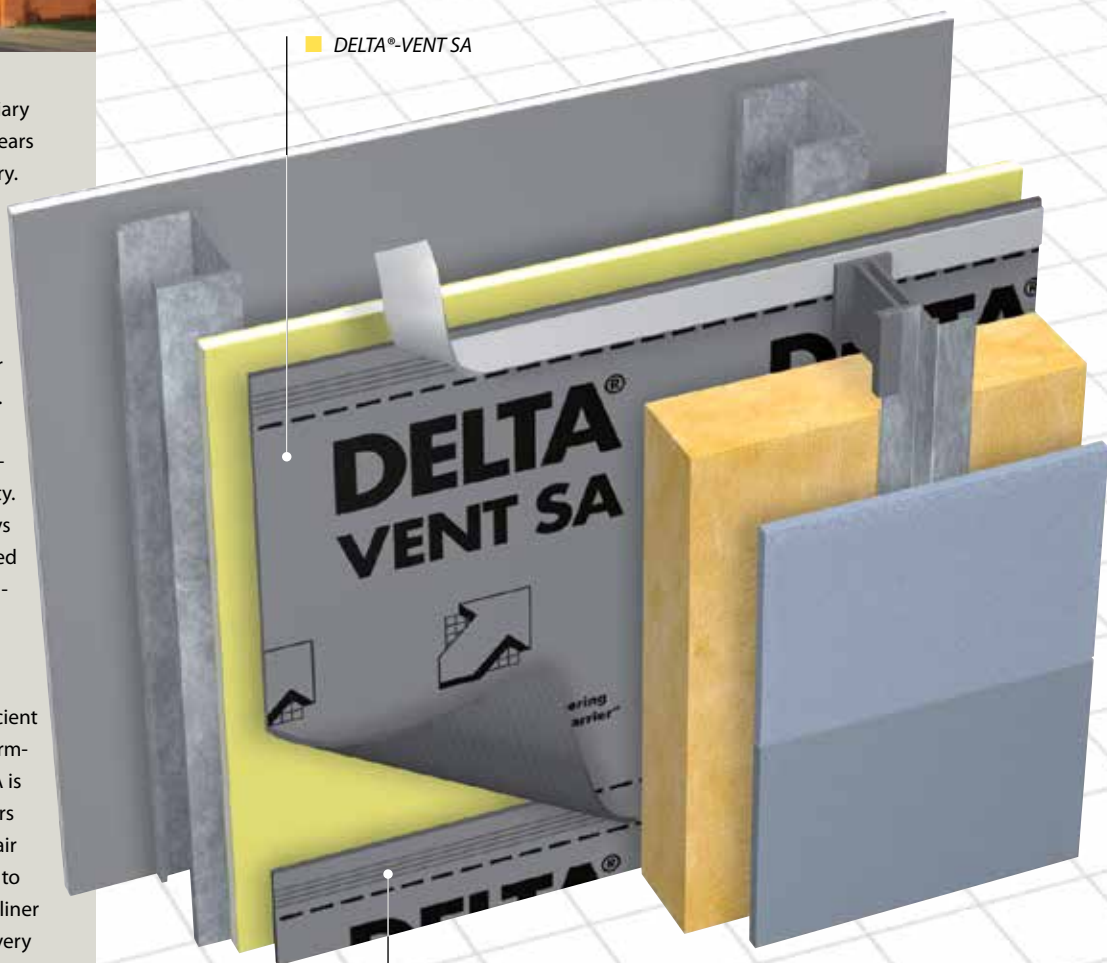
The premium solution for energy-



Cosella-Dörken Products, Inc. is a subsidiary of the Dörken Group that has over 100 years of experience in the construction industry. Developed from innovative ideas and manufactured on state-of-the-art production lines, the premium quality products for foundation protection, air and water-resistant barriers, rainscreens, and roofing membranes, set standards for reliability, durability, and energy savings. Located in Beamsville, Ontario, Canada, Cosella-Dörken provides customized solutions and products of outstanding quality. Cosella-Dörken Products, Inc. is and always will be a trustworthy and highly respected partner for designers, architects, distributors and installers.

DELTA[®]-VENT SA

is a critical component of an energy-efficient building enclosure, improving the performance of the wall system. DELTA[®]-VENT SA is fully adhered to the substrate so fasteners are not required. Hundreds of potential air leakage points are eliminated. It is quick to apply and has a convenient split release liner for easy application. DELTA[®]-VENT SA is very dimensionally stable and has the most tightly sealed and secure side laps in the industry.



■ DELTA[®]-VENT SA

■ Unique front side adhesive lap edge

PREMIUM QUALITY



Premium energy-efficient construction



Air tight details



Commercial building enclosures

Energy-efficient wall systems.

DELTA®-VENT SA ...

- ... is aggressively self-adhesive.
- ... has an air-and water-tight self-adhesive edge.
- ... is highly vapor permeable (50 perms).
- ... the only vapor permeable air barrier that meets the requirements of the Air Barrier Association of America (abaa).
- ... approved by National Air Barrier Association (NABA).
- ... approved by International Building Code and International Residential Code (ICC ESR-2932).
- ... improves energy efficiency.
- ... helps improve the performance of the building enclosure.
- ... passes ASTM D1970 Nail Sealability.
- ... helps to ensure a healthy and comfortable interior climate in stud wall construction due to its excellent physical properties.
- ... easy to install.
- ... is unaffected by surfactants.
- ... matte gray color reduces irritating glare during installation.
- ... NFPA 285 compliant.
- ... produced in an ISO 9001 registered manufacturing plant.



Whole Foods - Cherry Hill, New Jersey



Private residence - Austin, Texas

DELTA®-VENT SA

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) as per ABAA, NBC 2010 and ASTM 2357
Air permeance	Pass (< 0.02 L/(s·m ²) @ 75 Pa) ASTM E2178
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	Pass AAMA 711-5.3 (ASTM D3330)
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	14 NFPA Class A; INC Class A ASTM E84-09
Smoke developed	145 NFPA Class A; IBC Class A ASTM E84-09
Roll length	115' (35 m)
Roll width	4' 11" (1.5 m)

See Technical Data Sheet for further technical data.

DELTA®-Accessories for DELTA®-VENT SA.

Cosella-Dörken makes your life easier – systematically.



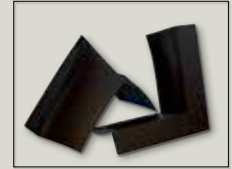
DELTA®-MULTI BAND
pure acrylic adhesive tape used at overlaps of DELTA® air & water-resistant barriers.



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®-THAN
permanently elastic, special rubber compound sealant and adhesive.



DELTA®-ADHESIVE LVC
surface preparation with low solvent content.

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

DELTA®



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Canadian
Home Builders'
Association



Energy & Environmental Building Alliance

air barrier
abaa
association of
america