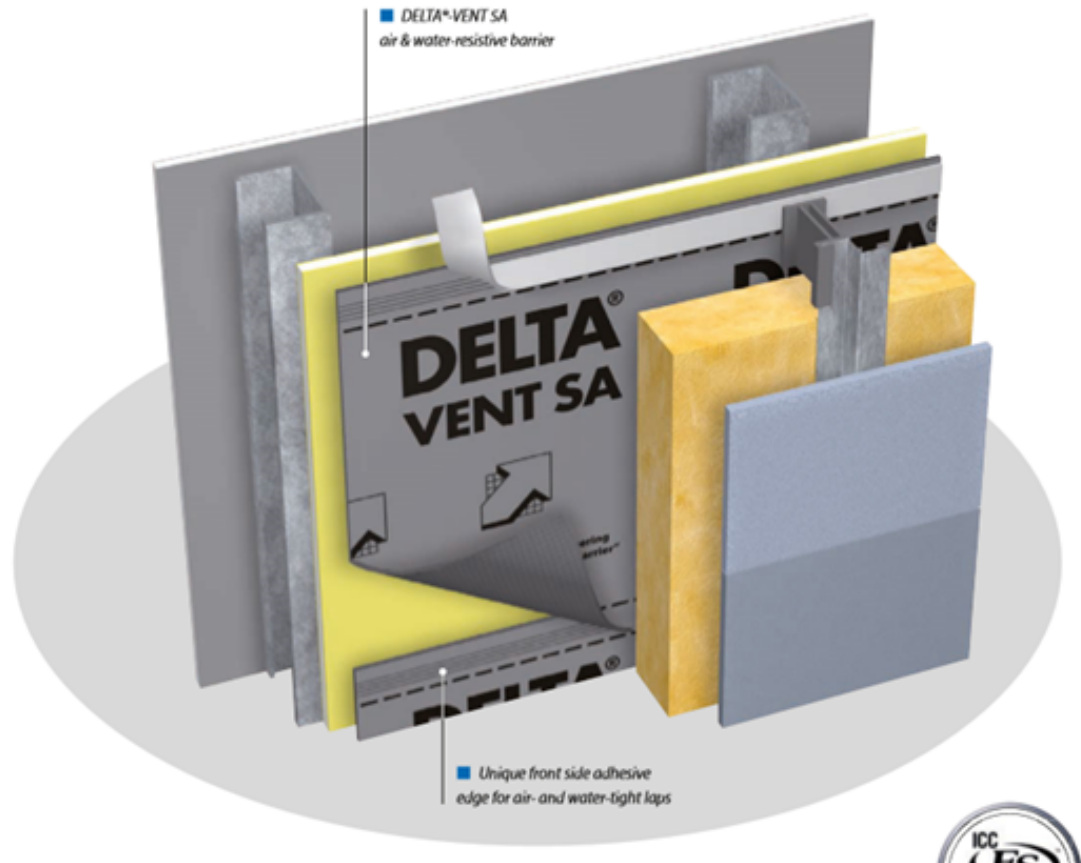


NZTAP MANUFACTURER CASE STUDY



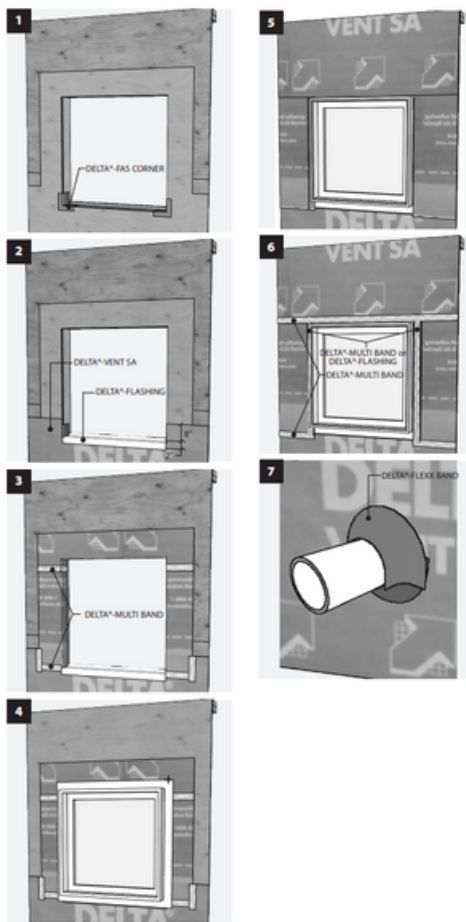
MANUFACTURER BACKGROUND

Dorken has been manufacturing since 1892. Dorken Systems Inc (Canada) has been manufacturing in Beamsville, ON since 1995. Our breathable membranes were introduced to the market in the 1970's and have a lengthy history of long-term performance. DELTA®-VENT and DELTA®-NOVFLEXX membranes are manufactured in Herdecke, Germany. DELTA®VENT SA is coated in the USA.

WHAT IS IT?

DELTA®-VENT S (mechanically fastened) and DELTA®-VENT SA (self-adhered) membranes are high quality WRB's and air barriers. Both products are spun-bond 3-layer polypropylene membranes that are air and water-tight, yet moisture-vapour permeable. They help ensure a durable, air-tight and water-tight assembly. DELTA®-NOVAFLEXX is an interior smart vapour retarder and air barrier membrane that changes its permeability based on humidity level, ensuring no water is trapped in the wall assembly.

INSTALLATION & TRADES TRAINING



DELTA®-VENT S and DELTA®- VENT SA have been installed extensively in North America (100's of projects). DELTA®-NOVA FLEXX has been installed on a few homes in Ontario, and extensively in Europe. No specific qualifications are needed to install the products. Dorken will be able to provide on-site training at no cost.

- DELTA®-VENT S is mechanically fastened, and installed in a similar fashion to typical housewrap.
- DELTA®-VENT SA is a self-adhered membrane, peel and stick to sheathing with self-adhering longitudinal edge.
- DELTA®-NOVA FLEXX is installed similarly to traditional interior vapour barrier.

Detailed installation guides and videos are available from the Dorken website.

STANDARDS & CERTIFICATIONS

DELTA®-VENT S: CCMC approval CCMC 13479-R 2010-07-14 - Introduced 2009

DELTA®-VENT SA: Passive House Certified component - Introduced 2012

DELTA®-VENT SA: Can ULC S 741/742 (Canadian air barrier assembly test).

BENEFITS

DELTA®- VENT S/SA: much more durable, more vapour open, better water holdout, better tapes and accessories for full air barrier system. More airtight and comfortable living area for homeowner. Energy savings when detailed as air barrier. Self-adhered version self-seals penetrations through membrane.

DELTA®-NOVA FLEXX: Allows residual moisture to dry when its needed. Eliminates rot and decay due to trapped moisture behind interior vapour barrier.



CONTACT?

Do we want to provide contact info here