

# DELTA®

DELTA® protects property. Saves energy. Creates comfort.



COSELLA DÖRKEN

## DELTA®-MS (Membrane System)

**The Foundation Wrap.™**  
Below grade foundation protection for masonry and poured concrete structures.



Our DELTA®-MS & DELTA®-DRAIN products are manufactured using an exclusive three-layer co-extrusion process. The central core contains 100% post-industrial and post-consumer recycled material that captures and reuses material reclaimed from household Blue Boxes. The two outer layers that encase the recycled core are virgin polyethylene that ensures the sustainability and long life of our DELTA®-MS & DELTA®-DRAIN products for years after installation. By applying the dual principles of recycling and sustainability, Cosella-Dörken Products, Inc. is demonstrating a long term commitment to the environment.

■ Foundation protection

■ For residential and light commercial construction

■ For vertical and horizontal applications

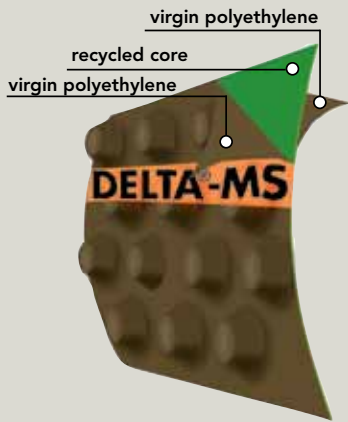
PREMIUM QUALITY



Reliable Long Term Protection

# DELTA<sup>®</sup>-MS

For permanently dry foundations.

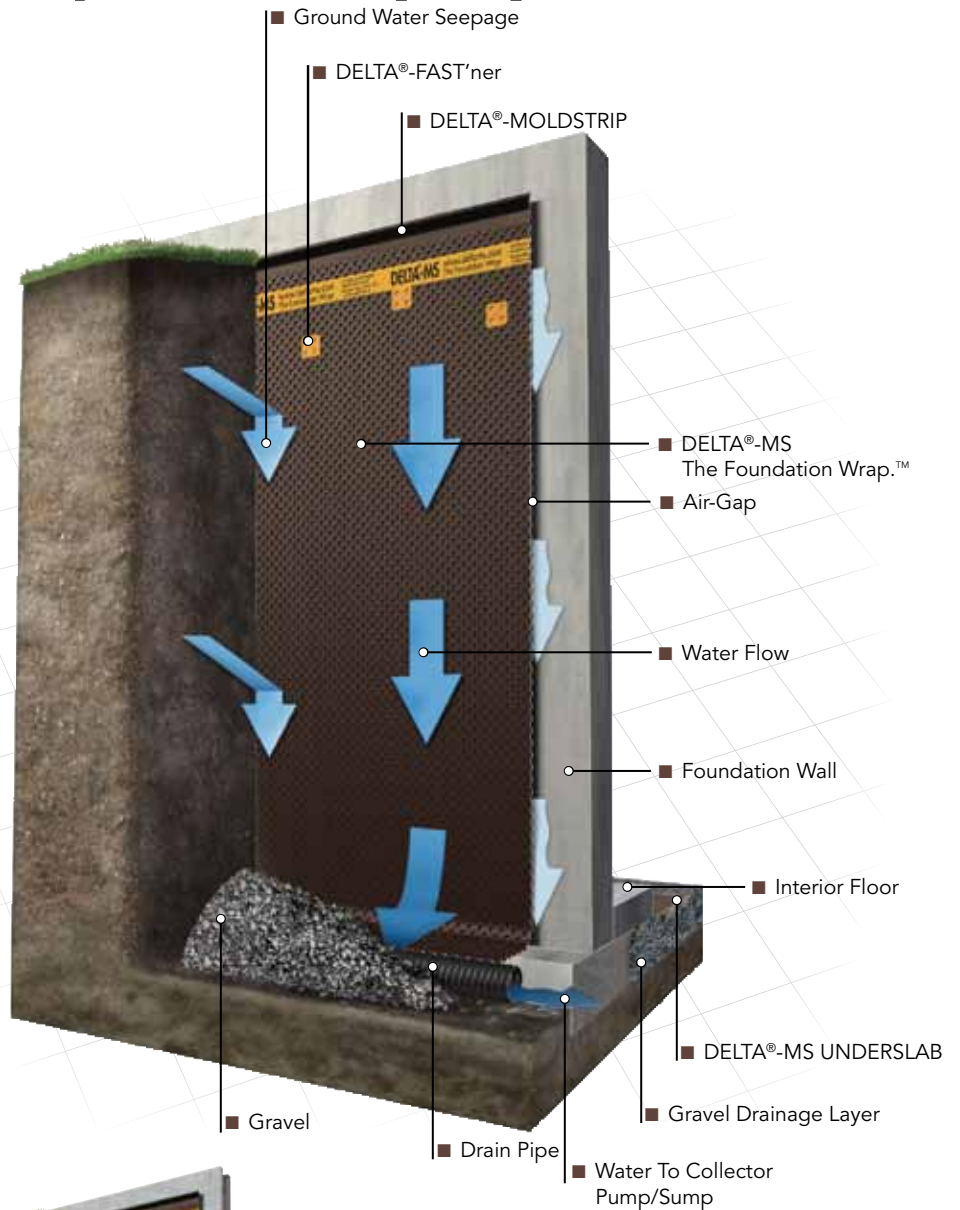


## RECYCLED WRAPPED IN SUSTAINABLE

DELTA<sup>®</sup>-MS uses an exclusive three-layer co-extrusion process. The central core contains 100% recycled material. The two outer layers are virgin polyethylene.

### A Word on Sustainability

Using recycled polyethylene is environmentally responsible. But recycled material alone breaks down quickly under normal soil conditions. This isn't environmentally responsible. A home doesn't get the long term protection it needs. That is why we encase recycled in virgin polyethylene; to make DELTA<sup>®</sup>-MS sustainable, too. Truly environmentally responsible. Truly environmentally friendly.



DELTA<sup>®</sup>-MS is highly effective protection for poured concrete as well as block foundations.

PREMIUM QUALITY



**DELTA®-MS** is an outstanding high-performance, below grade foundation protection for masonry and poured concrete structures.

**DELTA®-MS...**

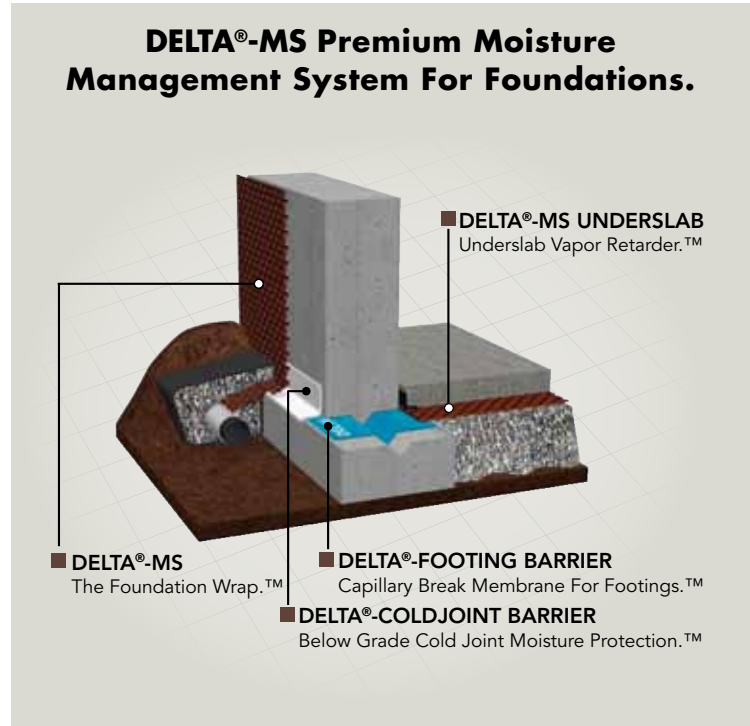
- ... large roll sizes allow for easier, quicker installations.
- ... creates full capillary break.
- ... enhances/ protects dampproofing.
- ... protects foundation from ground water.
- ... is environmentally friendly, recyclable.
- ... contains 100% recycled core protected on both sides with virgin HDPE for superior durability.

**Leakage Warranty**

Please ask for details on DELTA®-MS leakage warranty.

**Evaluation Reports (Certifications)**

- Dampproofing & Wall Waterproofing Membrane - ICC ES, ESR-2303
- Drainage Layer – CCMC # 12788
- Dampproofing – CCMC # 12658
- Independent long term durability testing available.



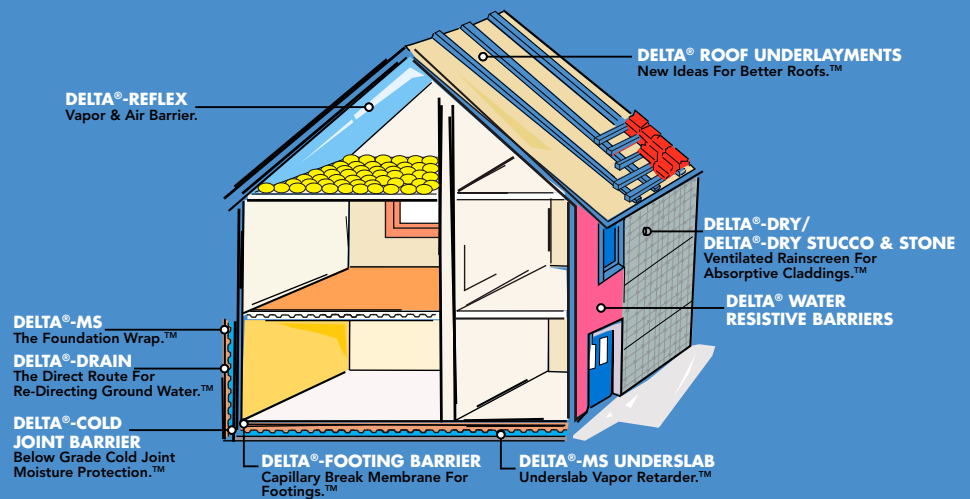
## TECHNICAL DATA

Material	High Density Polyethylene (HDPE)
Color	Brown
Dimple Height	5/16" (8 mm)
Working Temperature	-22°F to +176°F -30°C to +80°C
Air-Gap Volume	approx. 0.13 gal/ft <sup>2</sup> (5.3 litres/m <sup>2</sup> )
Compressive Strength	approx. 5200 psf (250 kN/m <sup>2</sup> )
Water Flow Rate (V)(GR-1):	10.6 gal/min/ft (132 L/min/m)
Water Flow Rate (H)(GR-0.1):	3 gal/min/ft (37.5 L/min/m)
U.V. Stability	Do not expose for longer than 30 days.
Bacteria Attack	Unaffected
Toxicity:	Non-toxic, Non-polluting
Freeze Thaw Cycle:	Unaffected
Service Life Expectancy:	> 25 years (at pH between 4 and 9, and temperature below 25°C). Do not expose to UV light for longer than 30 days.
Roll Sizes	3.5' (1.07m) x 65.6' (20m) 5.0' (1.52m) x 65.6' (20m) 6.0' (1.83m) x 65.6' (20m) 6.6' (2.00m) x 65.6' (20m) 7.0' (2.13m) x 65.6' (20m) 8.0' (2.45m) x 65.6' (20m) 9.5' (3.00m) x 65.6' (20m)

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

# DELTA®

## DELTA® SUSTAINABLE SCIENCE



DELTA® products from Cosella-Dörken offer a complete building envelope solution to protect homes against moisture damage.

The information printed in this brochure reflects product information and specifications at the date of printing. The manufacturer reserves the right to make changes when necessary.

**COSELLA DÖRKEN**

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