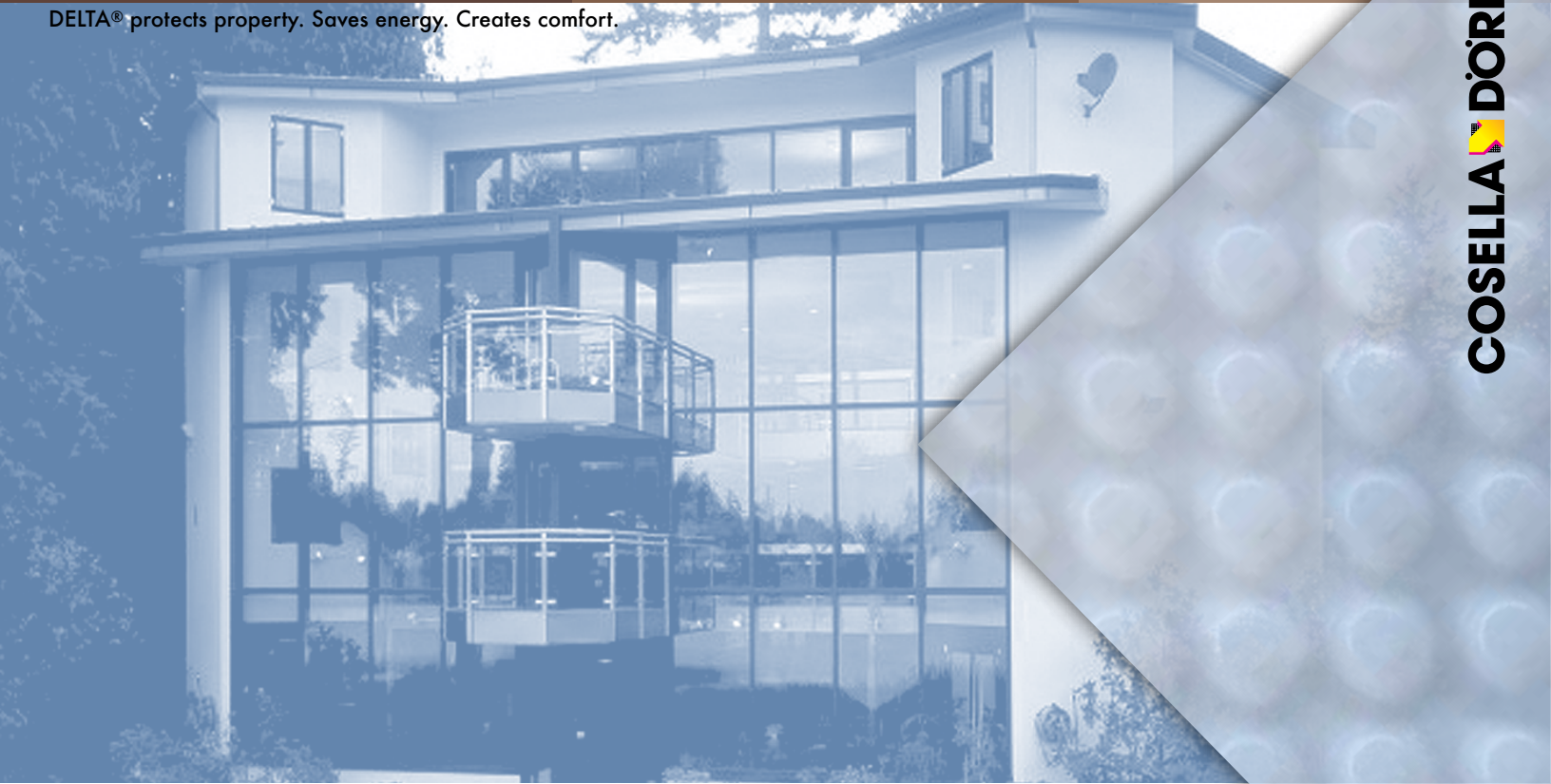


DELTA®

DELTA® protects property. Saves energy. Creates comfort.

COSELLA DÖRKEN



DELTA®-MS CLEAR

(Membrane System)

PREMIUM QUALITY

The Foundation Wrap for Insulated Concrete Form Foundations.™

Below grade foundation protection for I.C.F.



■ Waterproofing for Insulated Concrete Form foundations

■ For residential and light commercial construction

■ Transparent for visibility of anchor points

DELTA®-MS CLEAR

For permanently dry basements.



PREMIUM QUALITY





R

Product Description

DELTA®-MS CLEAR is a unique translucent dimple sheet made for the Insulated Concrete Form industry. The dimple shape of DELTA®-MS CLEAR produces an air space at the wall. DELTA®-MS CLEAR is an effective waterproofing protection system based on a uniquely formed air-gap membrane. The main component of DELTA®-MS CLEAR is the membrane, extruded and vacuum formed from high-density polyethylene (HDPE), stabilized against oxidation. This membrane is remarkably impermeable to water and water vapor and impervious to soil acids and other agents. DELTA®-MS CLEAR (HDPE) is tough, resilient and durable.

Various components are available to facilitate the application of the membrane. DELTA®-FAST'ner screws and Molding Strips/Flashing are used for the fastening and terminating of the DELTA®-MS CLEAR membrane.

Function

The membrane's key job - the first principle of fail-safe water management - is to keep water from ever touching the wall on its way through the soil to the footing drainage systems.

DELTA®-MS CLEAR and its air-gap serves that purpose permanently and uniquely well. Unlike a coating, it bridges large cracks, ignores damage points, and deflects water as well as soil dampness. It condenses and drains away construction moisture as well, directing it to the footing drains.

DELTA®-MS CLEAR is specifically designed to allow the installer to save time. Web markings or attachment strips on I.C.F. blocks can be closely viewed.

Residential Construction

DELTA®-MS CLEAR is a complete protection system for foundation walls in any type of construction. When used on the exterior of an ICF foundation, an air gap is formed.

DELTA®-MS CLEAR keeps ground moisture away from the foundation, which reduces interior dampness and musty odors. It continues to function despite any future foundation shifting or cracking.

Benefits of DELTA®-MS CLEAR:

- acts as an air-gap and drainage membrane all-in-one
- keeps moisture from touching the wall
- is easy and fast to install
- bridges cracks and ignores damage points of foundation walls
- forms an independent skin around the basement
- trouble free basements
- helps eliminate call backs
- non reactive with ICF block foundation
- requires no waiting time for installation and backfill

Advantages of DELTA®-MS CLEAR:

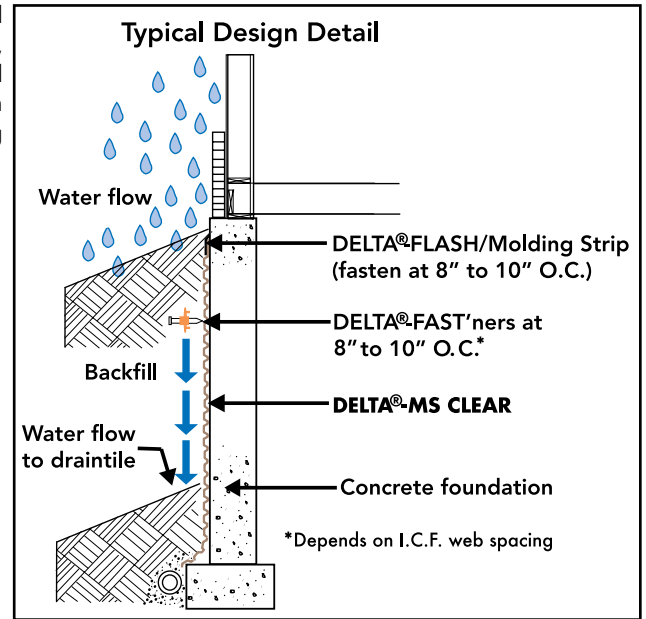
- high-density clear polyethylene is impermeable and transparent
- outlasts the life of the structure (will not break down or disintegrate due to soil acids.)
- non-polluting and non-toxic
- can be installed on damp surfaces
- installation is unaffected by temperatures. (-22 to +176°F/-30 to + 80°C)
- provides a thermal break
- requires no maintenance
- available in large sizes, thereby minimizing seams
- unaffected by freeze thaw cycles
- spans and bridges all seams in surfaces
- no waiting time for installation

Leakage Warranty

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

Evaluation Reports (Certifications)

ICC-ES, 2303
CCMC 13164-R



Material	High Density Polyethylene (HDPE)
Color:	Clear/Transparent
Dimple Height:	5/16" (8 mm)
Working Temperature:	-22°F to + 176°F -30°C to + 80°C
Air-Gap Volume:	~ 0.13 gal/ft. ² (5.3 litres/m ²)
Compressive Strength:	~5200 psf (-250 kN/m ²)
Water Flow Rate (V)(GR=1):	12 gal/min/ft (149 L/min/m)
Water Flow Rate (H)(GR=0.1):	3.5 gal/min/ft (44 L/min/m)
U.V. Stability:	Good
Bacteria Attack:	Unaffected
Toxicity:	Non-toxic, Non-polluting
Freeze Thaw Cycle:	Unaffected
Service Life Expectancy:	The Life Of The Structure
Roll Sizes:	6.6'(2.00m) x 65.6'(20m) 8.0'(2.45m) x 65.6'(20m)



DELTA®

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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.



DELTA®-branded quality products manufactured by Cosella-Dörken.