

# DELTA®

HIGH PERFORMANCE AIR & MOISTURE BARRIERS

DÖRKEN

## DELTA®-DRAIN

The direct route for re-directing ground water.



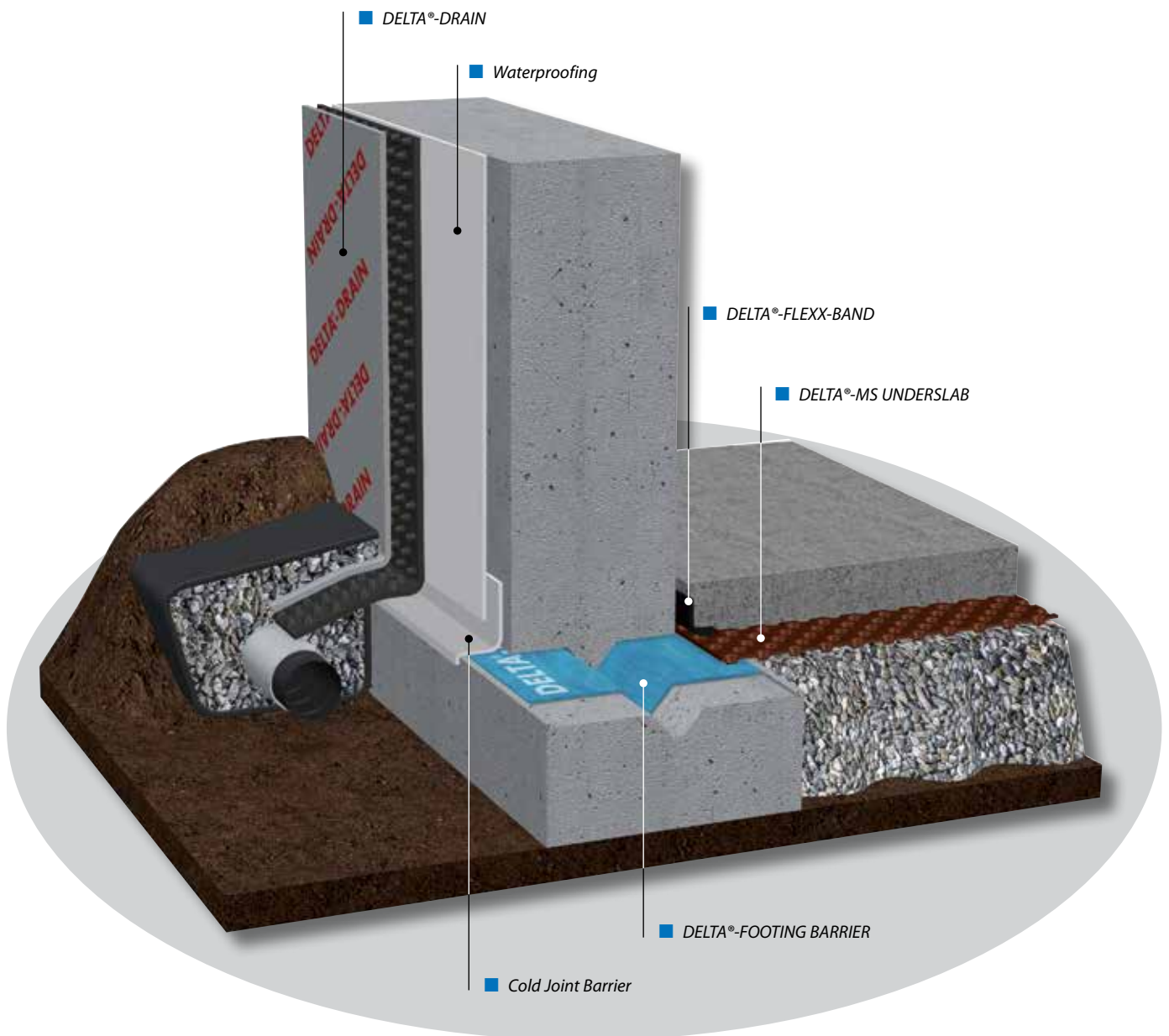
High Performance Drainage for Residential and Light Commercial Foundations.



Reliable Long Term Protection:

# DELTA<sup>®</sup>-DRAIN

For Horizontal and Vertical Drainage Applications.





- Drains water away from foundation wall.
- High drainage capacity.
- Prevents build-up of hydrostatic pressure.
- Highly effective protection layer for water-proofing.
- Special geotextile will not rot and prevents clogging of the flow passages.
- High compressive strength.
- High impact resistance, high chemical and environmental stress crack resistance.
- Unaffected by environmental influences, like acidic soils or alkalinity (concrete).
- Easy to install.
- 8' size rolls for fewer material overlaps, less seams, less labor.
- For horizontal and vertical applications.

#### Technical Data Overview:

<b>Color</b>	drainage core: black, geotextile: grey
<b>Material</b>	drainage core: polypropylene, geotextile: polypropylene
<b>Dimple height</b>	5/16" (8 mm) ASTM D6364-06
<b>Compressive strength</b>	approx. 5,200 psf (250 kN/m <sup>2</sup> ) ASTM D6364-06
<b>Water penetration resistance (core)</b>	>120 psi (815 kPa) Watertight AATCC 127-1995
<b>Flow rate / unit with</b>	5.2 gal/min/ft (65 l/min/m) ASTM D4716-08 @ hydr. grad. 1.0; 180 kPa
<b>Flow rate / unit with</b>	1.4 gal/min/ft (17.4 l/min/m) ASTM D4716-08 @ hydr. grad. 0.1; 180 kPa
<b>Application Temperature</b>	-22° F to +176° F (-30° C to +80° C)
<b>Chemical properties</b>	Excellent chemical resistance, resistant to root penetration
<b>Toxicity</b>	non-toxic, non-polluting
<b>Roll dimensions / weight</b>	6' x 65'-7" (1.83 m x 20 m) 60 lbs (27.2 kg) 8' x 65'-7" (2.45 m x 20 m) 73 lbs (33.1 kg)
<b>Installation depth</b>	up to 12' (4 m)
<b>Service life expectancy</b>	>25 years (at pH between 4 and 9 and temperature below 77° F / 25° C). Do not expose to UV light for more than 30 days.



# DELTA®-Accessories for DELTA®-DRAIN.

**Dörken makes your life easier – systematically.**

You are sure to appreciate these handy DELTA®-Accessories:



**DELTA®-FAST'ner**  
multistud fastener for the secure attachment of DELTA®-DRAIN.



**DELTA®-MOLDSTRIP**  
used at terminations of DELTA®-DRAIN.



**DELTA®-SEALANT**  
elastic sealing compound used at overlaps and penetrations.



**DELTA®-SCREW FAST'ner**  
used to fasten DELTA®-DRAIN to perimeter insulation.



**DELTA®-DRAIN PROFILE**  
termination edge for DELTA®-DRAIN over perimeter insulation.



**DELTA®-GRIP FAST'ner**  
attachment aid for perimeter insulation over waterproofing.

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

# DELTA®



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