

DELTA®

DELTA® protects property. Saves energy. Creates comfort.

COSELLA DÖRKEN

DELTA®-MS 20

General-purpose seepage layer for long-term safety.
Resistant to compression and degradation in soil.



PREMIUM QUALITY

■ Drainage system

■ For commercial construction and civil engineering

■ For vertical and horizontal application

DELTA®-MS 20

Technical Data (typical values):

Material	Special high density PE
Dimple height	25/32" (20 mm) approx.
Compressive strength	-3120 lbs/ft ² (150kNm ² approx.)
Drainage capacity	48 gal/min/ft (10l/s-m) approx.
Air gap between dimples	0.343 gal/ft ² (14l/m ²) approx.
Service temperature range	-22°F to +176°F (-30°C to +80°C)
Fire resistance rating	Standard flammability as per DIN 4102 class B2; optional DIN 4102 class B1 for special requirements
Roll size	65.6 ft x 6.5 ft (20 m x 2 m)

DELTA®-MS 20 perforated

Technical data as for DELTA®-MS 20 except	
Compressive strength	-2297 lbs/ft ² (110kNm ² approx.)
Drainage capacity at 1 cm water column	0.5 l (s x m ²)

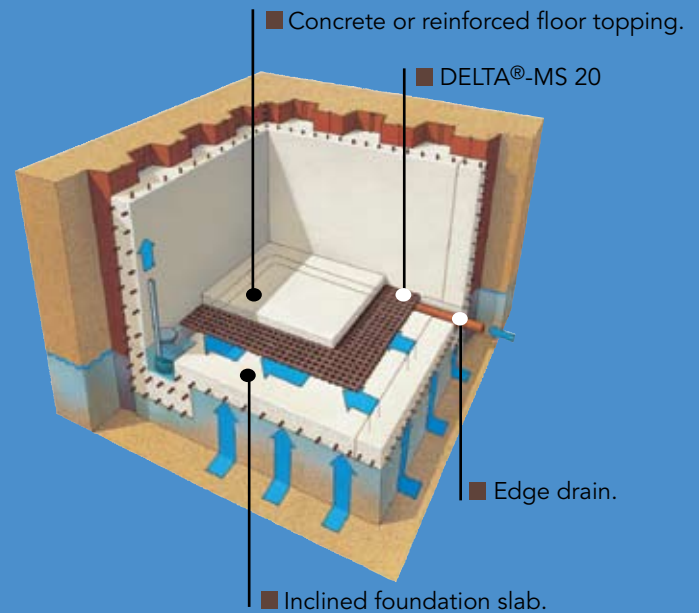
High drainage capacity in double-shell structures.

DELTA®-MS 20 ...

- is a compression-resistant, durable dimpled sheet made from special high density polyethylene.
- offers outstanding safety thanks to its 25/36" (20 mm) dimples and its high drainage capacity.
- resists degradation in soil and chemical attack as well as being non-polluting for drinking water.
- may be applied as a cost-efficient horizontal or vertical permanent shuttering between a shotcrete shell or curtain wall and a concrete structural wall.
- drains off water emerging from the rocky subsoil when vertically applied.
- shotcrete shell acts as a filter, preventing migration of fine grain

- particles into the drainage void.
- controls rising underground water when laid horizontally between the foundation and the surface layer of a carriageway, and conveys it towards the drain.
- is ideal for coping with water-related problems in tunnel construction. With the dimples facing outward, the sheet forms a continuous system of channels by which water is guided towards the drain.
- in the perforated version is a special high-capacity sheet for draining roof surfaces such as parking decks and roof gardens. Because of their porosity, sheets are permeable so that surplus water will drain away evenly.

DELTA®



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
 Cosella-Dörken Products Inc.
 4655 Delta Way
 Beamsville, Ontario
 L0R 1B4
 (905) 563-3255
 Fax: (905) 563-5582
 1-888-4 DELTA 4
 info@cosella-dorcken.com
 DELTAMS.com
A company of the Dörken Group

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