

# 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 <sup>2</sup> (150kNm <sup>2</sup> approx.)   |
| Drainage capacity         | 48 gal/min/ft (10l/s-m) approx.   |
| Air gap between dimples   | 0.343 gal/ft <sup>2</sup> (14l/m <sup>2</sup> ) 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 <sup>2</sup> (110kNm <sup>2</sup> approx.) |
| Drainage capacity at 1 cm water column    | 0.5 l (s x m <sup>2</sup> )                             |

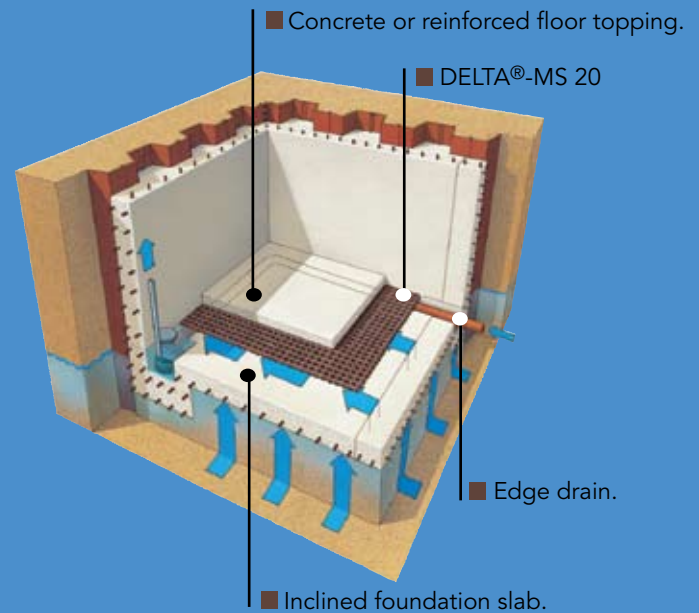
# High drainage capacity in double-shell structures.

## 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.