

DELTA®

DELTA® protects property. Saves energy. Creates comfort.

DÖRKEN

DELTA®-MS 20

General-purpose seepage layer for long-term safety.

Resistant to compression and degradation in soil.



DELTA® quality branded products made by Dörken.

■ Drainage system

■ For building construction and civil engineering

■ For vertical and horizontal application

STANDARD QUALITY

DELTA®-MS 20

Technical Data Overview:

Dimpled sheet material	HDPE
Dimple height	approx. 20 mm
Compressive strength	approx. 150 kN/m ²
Drainage capacity	approx. 10 l/s · m
Air gap between dimples	approx. 14 l/m ²
Service temperature range	-30 °C to +80 °C
Fire resistance	Standard flammability as per DIN 4102 class B 2; optional DIN 4102 class B 1 for special requirements.
Roll size	20 m x 2 m

DELTA®-MS 20 perforated

Technical data as for DELTA®-MS 20 except

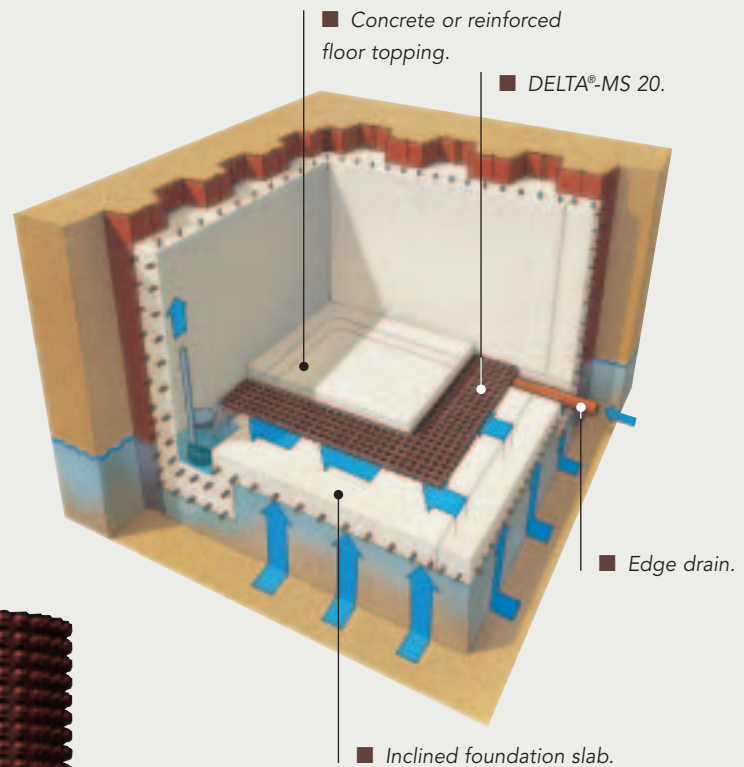
Compressive strength	approx. 110 kN/m ²
Drainage capacity at 1 cm water column	0.5 l (s · m ²)

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 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.
- ... 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.

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■ **Standard requests for tender and detailed installation instructions** for all DELTA® products may be obtained from www.doerken.de as PDF files for you to print out and save.



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