

STANDARD QUALITY

# DELTA®-MS 20

## General-purpose seepage layer for long-term safety.

Dimpled sheet ensures reliable drainage of water from double-shell structures in building and civil engineering.



DELTA® branded quality products  
made by Dörken.

■ Drainage system

■ For building  
construction and  
civil engineering

■ For vertical  
and horizontal  
application

# DELTA®-MS 20

## Technical data overview:

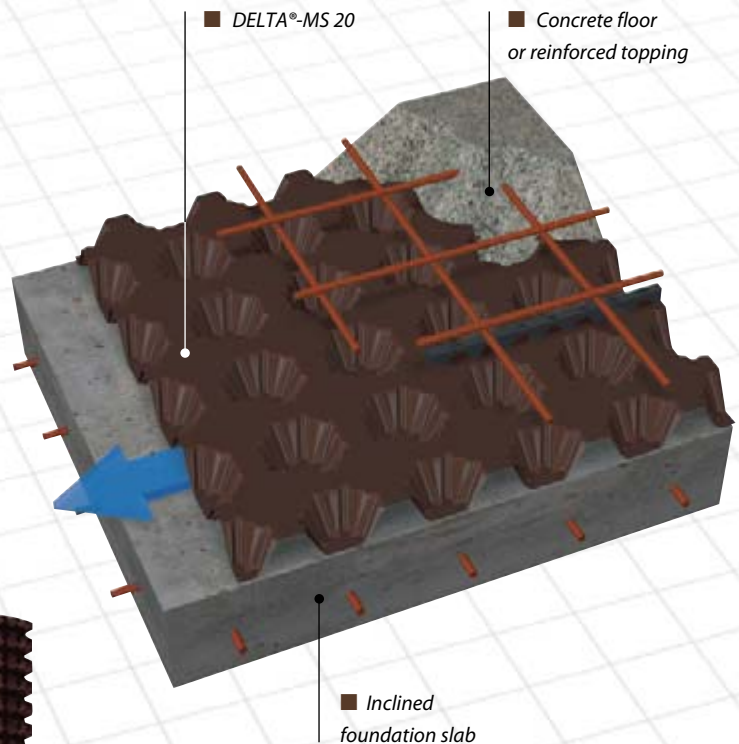
Material	Dimpled sheet made of high-density polyethylene.
Dimple height	c. 20 mm
Air gap	c. 14 l/m <sup>2</sup>
Sheet colour	brown
Operating temperature range	- 30 °C to + 80 °C
Roll size	20 m x 2 m
Compressive strength (EN ISO 604)	c. 200 kN/m <sup>2</sup>
Drainage capacity	c. 10 x 10 <sup>-3</sup> m <sup>2</sup> /s (10 l/s · m)
Environmental characteristics	Non-polluting for drinking water; resistant to bacterial, alkaline, and chemical attack; resistant to root penetration.

# High drainage capacity in double-shell structures.

## DELTA®-MS 20 ...

- ... is a compression-resistant, durable dimpled sheet made of special high-density PE.
- ... catches rising underground water and conveys it towards the drain when laid horizontally between the foundation and the surface layer of a road.
- ... offers outstanding safety thanks to its 20-mm dimples and high drainage capacity.
- ... resists degradation in soil and chemical attack as well as being non-polluting for drinking water.
- ... may be used as cost-efficient permanent shuttering between a shotcrete shell or curtain wall and a concrete structural wall.
- ... drains off water emerging from surrounding rock when applied vertically.
- ... is ideal for coping with water-related problems in tunnel construction. Installed with the dimples facing outward, the sheet forms a continuous system of channels guiding water towards the drain.

# DELTA®



■ Standard requests for tender as well as detailed installation instructions for all DELTA® products may be obtained at [www.doerken.de](http://www.doerken.de) as pdf files for you to print out and save.

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