

DELTA®

HIGH PERFORMANCE AIR & MOISTURE BARRIERS

DÖRKEN

DELTA®-MS 20

High-performance drainage layer for long-term safety.



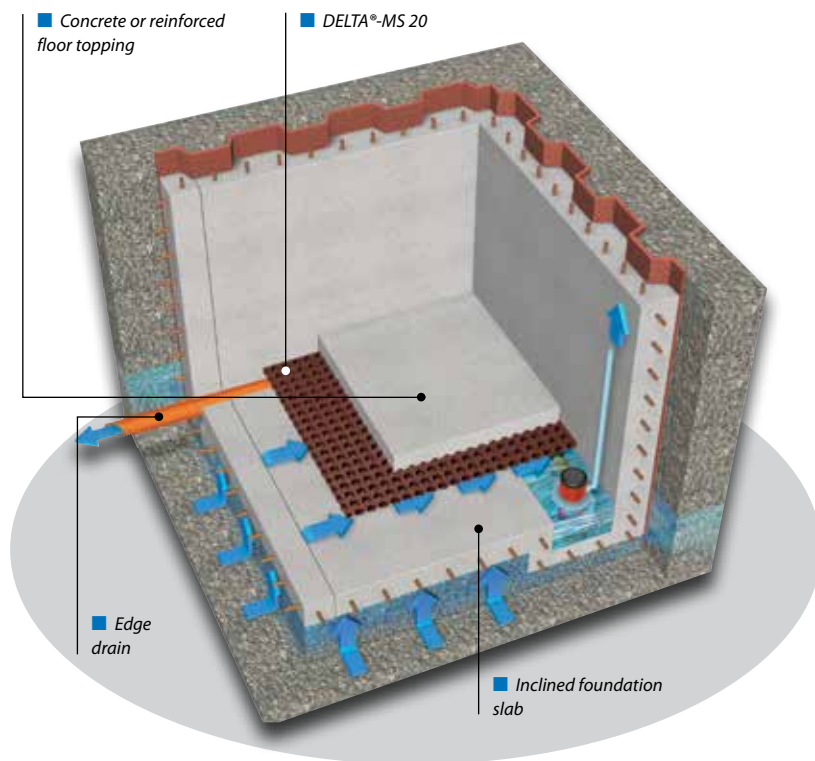
Resistant to compression
and degradation.



DELTA[®]-MS 20

High drainage capacity in double-shell structures.

- Compression-resistant, durable dimple sheet made from special HDPE.
- Offers outstanding performance thanks to its 25/36" (20 mm) dimples and its high drainage capacity.
- Degradation resistant. Does not pollute drinking water.
- Cost-effective drainage layer in split-slab applications or other double-layer concrete structures.
- Provides drainage for water from rock/ subsoil in vertical applications.
- Shotcrete shell acts as a filter, preventing migration of fine grain particles into the drainage void.
- Controls rising ground water in horizontal applications.
- Is ideal for coping with water-related problems in tunnel construction.
- Available with perforations for horizontal applications in roof garden systems, parking decks, etc. Perforations allow for surplus water to drain effectively.



Technical Data Overview:	
Material	Special high density PE
Dimple height	approx. 25/32" (20 mm)
Compressive strength	approx. 3120 lbs/ft ² (approx. 150kNm ²)
Drainage capacity	approx. 48 gal/min/ft (10 l/s-m)
Air gap between dimples	approx. 0.343 gal/ft ² (14 l/m ²)
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	approx. 2297 lbs/ft ² (approx. 110 kNm ²)
Drainage capacity at 1 cm water column	0.5 l (s · m ²)

DELTA[®] quality branded products made by Dörken.



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