

PRODUCT DATA SHEET

Sikaplan® Delta MS

HIGH COMPRESSIVE STRENGTH DIMPLED SHEET

DESCRIPTION

Dimpled sheet made of HDPE with a high level of compressive strength for the use as an overfill protection, as a blinding layer and as a seepage layer in two-shell constructions (e.g. shoring).

USES

- As a sub-base course under concrete floor slabs
- For foundation-wall protection
- As a seepage layer in cavity walls.

CHARACTERISTICS / ADVANTAGES

- More than 1800 dimples per m² for efficient pressure distribution and low point loads even on perimeter insulation.
- Is non-polluting for drinking water, non-degradable in soil, and offers additional heat insulation.
- Features flat overlapping edges for precisely-fitting joints and a diagonal dimple configuration to permit straight creases
- Safely separates foundation walls from moist soil for all-round protection of compression-resistant water-proofing coats and/or perimeter insulation.
- Protects flooring from rising damp.
- Offers a cost-efficient alternative to lean concrete when laid underneath floor slabs as a sub-base course.
- Resistant to chemical and microbiological pollution.

PRODUCT INFORMATION

Packaging	<u>20 M X 1.0 M</u> <u>20 M X 1.5 M</u> <u>20 M X 2.0 M</u> <u>20 M X 2.4 M</u> <u>20 M X 3 M</u>
Shelf Life	3 years
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Keep away from direct sunlight and frost.
Dimensions	Air gap between dimples approx. 5.3 l/m ²
Height	Dimple height approx. 8 mm

TECHNICAL INFORMATION

Compressive Strength	approx. 250 kN/m ²
Resistance to fire	Optional conformability with DIN 4102 Class B 2 or Class B 1 to meet special requirements.
Service Temperature	- 30 °C to + 80 °C
Water permeability	Within the plane in case of a vertical use approx. 2.25 x 10 ⁻³ m ² /s (2,25 l/s · m)

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

APPLICATION INSTRUCTIONS

APPLICATION

Sikaplan® Delta MS can be used as filling protection on perimeter insulation up to 10 m installation depth and on base plaster, as a blinding layer under concrete floors and as a seepage layer in various construction types and/or in the tunnel constructions.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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