

PRODUCT DATA SHEET

Sikaplan® Delta TX

DRAINAGE SYSTEM

DESCRIPTION

A highly efficient protection and drainage system, Sikaplan® Delta TX is an all-round solution for horizontal and vertical applications on compression-resistant substrates. With its fused-on geotextile and integrated self-sealing edge, this dimpled sheet provides perfect surface drainage.

USES

Horizontal applications

- Drainage for green roofs
- Parking decks
- Walkways
- Flag pavements
- Gravelled flat roofs
- Foundations slabs

Vertical applications

- Offers universal protection in conformance with DIN 18195 as a water-impermeable jacket for basement waterproofings in all load cases involving impounded, fissure, or seepage water.

CHARACTERISTICS / ADVANTAGES

Horizontal applications

- Permanent-filtration geotextile keeps the dimple structure from silting up.
- Water drainage capacity greater than that of a gravel/chip bed.
- High compressive strength of 400 kN/m².
- Safe for drinking water and proof against mechanical damage.
- Integrated sealing edge for easier laying.

Vertical applications

- Protects basement-wall waterproofings and perimeter insulation boards from moisture, thus safeguarding their insulation performance.
- Reliably drains off methane gas and radon.
- May be installed at depths of up to 10 m, even in extremely wet environments.
- Absolutely rotproof and free from recycled material.
- May be installed swiftly and cost-efficiently without any additional excavation work.

PRODUCT INFORMATION

Chemical Base	Dimpled sheet material Geotextile material	High-density polyethylene Polypropylene
Packaging	12.5 m x 2.4 m / Roll	
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.	
Height	Dimple height	~ 9 mm

TECHNICAL INFORMATION

Compressive Strength	~ 400 kN/m ²
-----------------------------	-------------------------

Tensile Strength	MD 6 kN/m/CMD 6 kN/m	(EN 10319)
Service Temperature	- 30 °C to + 80 °C	
Drain flow capacity	3.1 x 10 ⁻³ m ² /s	(EN ISO 12958) at 20 kN/m ²
Resistance to dynamic perforation	40 mm	(EN 918)
Durability	To be covered within two weeks after installation. Will endure for 25 years in natural soil having a pH value between 4 and 9 and a soil temperature < 25 °C.	
Water permeability	8 x 10 ⁻² m/s	(EN ISO 11058)
Opening size	150 µm	(EN ISO 12956)

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.

FURTHER DOCUMENTS

Air Gap
~ 7.9 l/m²

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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.

Sika (Singapore) Pte Ltd.
28 Tuas South Ave 8
Singapore 637648
Phone: +65 6861 0632
Fax: +65 6862 3915
Email: sales@sg.sika.com
www.sika.com.sg



SikaplanDeltaTX-en-SG-(04-2026)-1-1.pdf

Product Data Sheet
Sikaplan® Delta TX
April 2026, Version 01.01
020720702000245478