

PRODUCT DATA SHEET

SikaRoof® VersiDrain® 8 Geotextile

Dimpled Drainage Sheet and Waterproof protection layer

DESCRIPTION

SikaRoof® VersiDrain® 8 Geotextile is a drainage and protection sheet produced from high density polyethylene (HDPE) with dimples 8 mm deep and a filtration layer of geotextile (PP) bonded on the top.

USES

As a drainage and protection sheet for preformed sheet membrane waterproofing systems, waterproofing mortars and coatings, and Sika® White Box concept for waterproofing basements.

- Planter Boxes
- Retaining Walls
- Basement walls
- Roof Tops with decorative gravel

FEATURES

- High drainage capacity
- Integrated filtration layer
- Can be installed on damp and even wet substrates
- Resistant to all natural aggressive mediums in ground water and soil
- Suitable for contact with soft water (aggressive to concrete)
- SikaRoof® VersiDrain® 8 Geotextile forms a drainage channel in the space between the structural elements and the back filling/soil/substrate to allow water to be drained away.

CERTIFICATES AND TEST REPORTS

Geotextiles and geotextile-related products - Characteristics required for use in drainage systems' according to EN 13252, Declaration of Performance Nr.78023926 certified by notified factory production control certification body 1213 and provided with the CE marking.

PRODUCT INFORMATION

Packaging	Roll size 2.00 × 20.00 m (40m² total)
Appearance and colour	Brown or black HDPE sheet with 8 mm deep dimples and a white geotextile filtration layer bonded on top.
Shelf life	Shelf life 5 years from date of production if stored properly in undamaged, unopened, original sealed packaging
Storage conditions	Rolls must be stored in their original packaging and in cool and dry conditions. They must be protected from direct sunlight, rain, snow and ice, etc.

Thickness	Thickness 8.0 (±0.8) mm (EN ISO 9863-1)	
Tensile strength	Tensile strength 10 (-2) kN/m (machine and cross direction) (EN 10319)	
Elongation	Elongation 50 (±12.5) % (machine and cross direction) (EN 10319)	
Ambient maximum temperature of liquids	+30 °C (water)	
Drain flow capacity	Horizontal application at 20 kPa	0.30 l/(m·s) ± 20 %
	(S/R, i= 0.04)	
	Vertical application at 20 kPa	1.9 l/(m·s) ± 20 %
	(S/R, i= 1)	

APPLICATION INFORMATION

Ambient air temperature	+5 °C min. / +45 °C max.
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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.

IMPORTANT CONSIDERATIONS

- Maximum installation depth: 5 m.
- SikaRoof® VersiDrain® 8 Geotextile is not resistant against exposure to permanent weathering and sunlight.
- When used in combination with PVC membranes, a separation layer (geotextile) must be used between the materials.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Clean, sound and dry, homogeneous, free from oils and grease, dust and loose or friable particles.

APPLICATION METHOD / TOOLS

Installation method:

Loose laid and mechanically fastened in accordance with the relevant Sika® application manual and installation instructions.

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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