

PRODUCT DATA SHEET

SikaRoof® TurfPave® XD

Grass and gravel paver modules for permeable pathways

DESCRIPTION

SikaRoof® TurfPave® XD is a high strength grass and gravel stabilisation module designed to create permeable and green pathways for heavy emergency vehicles, and functions as an erosion control measure. Modules are manufactured from recycled polypropylene (PP) with cells 40 mm high, providing protection against soil and root compaction. SikaRoof® TurfPave® XD modules interlock with adjacent modules for easy installations and are placed directly on a bed of levelling sand, on the compacted hardcore and sub-base.

USES

Grass and gravel stabilisation and drainage layer for heavy emergency vehicle roadways and pedestrian pathways.

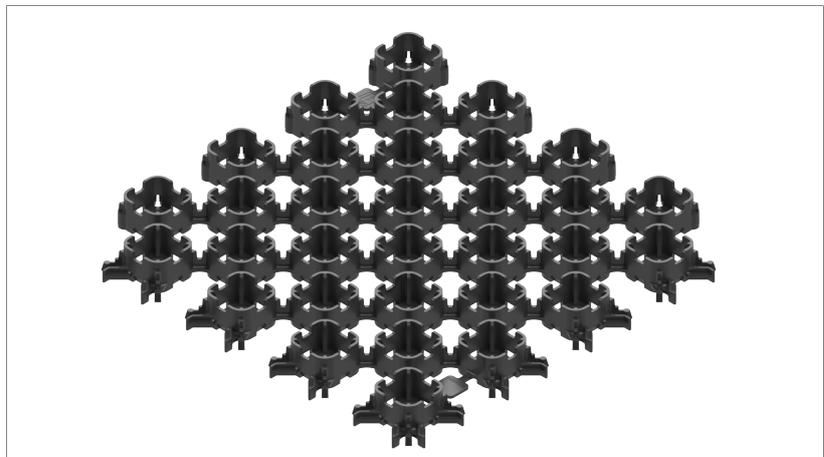
PRODUCT INFORMATION

Packaging

▪ SikaRoof® TurfPave® XD: 8 pieces / bundle

Appearance / Colour

Black grid square modules



CHARACTERISTICS / ADVANTAGES

- Increased soil stability
- Increased loading capacity of permeable green surfaces
- Modules interlock adjacently for uniform coverage
- Vertical webs to minimise girdling of roots
- Flexible connecting grids allow modules conform to uneven surfaces
- Resistant to biological attack by moulds and algae
- Chemically resistant to acids, alkalis, oils and soil chemicals
- Operates within a wide service temperature range

CERTIFICATES AND TEST REPORTS

Singapore Green Building Product (Leader) Cert. No. SGBP 3255

Shelf Life	No expiration date if the product is stored in accordance to the storage conditions as stated in this Product Data Sheet
Storage Conditions	Bundles must be stored in their original packing, laid in a horizontal position, and under cool and dry conditions. The product must be protected from direct sunlight, rain, snow and ice, and any other elements
Dimensions	500 mm × 500 mm × 40 mm
Unit Weight	4.3 kg/m ²

TECHNICAL INFORMATION

Compressive Strength	Unfilled	Sand Filled	(ASTM D695-15)
	1450 kN/m ²	29 400 kN/m ²	
Service Temperature	-30 °C min. / +80 °C max.		

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

- SikaRoof® TurfPave® XD is not resistant to permanent weathering or prolonged UV exposure. For more information, please contact the Sika Sales Personnel

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Sub-base shall be excavated and levelled to a depth dependent on the amount of compacted sand or gravel base using a mechanical plate compactor or compaction roller to meet the design load specifications. Base course shall be laid down and compacted with washed sand or 2–5 mm gravel or whichever meets road base construction specifications.

APPLICATION

SikaRoof® TurfPave® XD shall be loosely laid on a layer of levelling sand if the surface is uneven, and interlocked with adjacent modules connected by proprietary in-built clips to form a continuous grass and gravel paver and drainage layer without any mechanical fixing to the compacted hardcore or sub-base. The installed grass and gravel paver and drainage modules would then be filled with the appropriate infill material.

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 Kimia Sdn. Bhd.
 Lot 689, Nilai Industrial Estate,
 71800 Nilai, Negeri Sembilan D.K.
 Malaysia
 Phone: +606-7991762
 e-mail: info@my.sika.com
 Website: www.sika.com.my



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