

PRODUCT DATA SHEET

SikaRoof® Geotextile

Bidim A12 non-woven geotextile is a durable permeable fabric used to separate soil and aggregate, provide filtration and drainage, and prevent material contamination in civil, drainage, road, and landscaping applications.

DESCRIPTION

Bidim A12 non-woven geotextile is a permeable synthetic fabric used in civil construction, road-works, drainage, retaining walls, landscaping, and erosion control. Its primary purpose is to separate, filter, drain, and protect soil and aggregate layers while still allowing water to pass through.

USES

- Planter boxes
- Retaining walls
- Extensive and Intensive roof gardens

FEATURES

Bidim nonwoven geotextiles provide excellent filtration, separation and cushioning properties and feature a strong three-dimensional structure with high elongation. Bidim nonwoven geotextiles also have a high melting point and high UV resistance.

PRODUCT INFORMATION

Packaging	Roll Size: 1m x 50m 2m x 50m
Shelf life	There is generally no fixed "expiry date" when the product is kept in its original packaging and stored correctly. However, the manufacturer recommends minimizing exposure to sunlight, weather, and physical damage during storage. Rolls should be stored off the ground and under cover or tarpaulins
Storage conditions	▪ In storage: Keep dry, wrapped, off the ground, and out of direct sunlight. Properly stored stock can remain usable for upto 2 years. ▪ After installation: Cover within 30 days maximum, preferably much sooner.

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 DOCUMENTATION

Mechanical Properties Test	Standard	Units	A12	A14
Wide Strip Tensile Strength (MD/XMD)	AS3706.2	kN/m	8.0	11.0
Wide Strip Toughness (MD/XMD)	AS3706.2	kJ/m ²	1.5	3.1
Grab Tensile Strength (MD/XMD)	AS3706.2	N	500	720
Trapezoidal Tear Strength (MD/XMD)	AS3706.3	N	200	300
CBR Burst Strength	AS3706.4	N	1,500	2,000
Hydraulic Properties Test	Standard	Units	A12	A14
Pore Size (095)	AS3706.7	μm	130	110
Permittivity	AS3706.9	s-1	340	3.20
Coefficient of Permeability	AS3706.9	m/s x10 ⁻⁴	43	43
Flow Rate @ 100mm Head	AS3706.9	l/m ² /sec	340	320

The typical values published are to the best of our knowledge true and correct. The product specification may change at any time without prior notice. No warranty is expressed or implied.

SPECIFICATION INFORMATION

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 Australia Pty Limited
ABN 12 001 342 329
aus.sika.com
Tel: 1300 22 33 48

Product Data Sheet
SikaRoof® Geotextile
September 2026, Version 01.01
020945051450244913

SikaRoofGeotextile-en-AU-(09-2026)-1-1.pdf