

# STAMISOL DW

Roof membrane with an extremely long service life for use on very demanding applications in extreme climatic conditions

Originally designed for use at high altitude, Stamisol DW meets the most advanced requirements for roof and structural protection: The original one for three decades, which excels even after many years in use and also as an effective emergency roof.



## Applications

- Shallow slopes  $\geq 5^\circ$  or pitched roofs
- All climates including high altitude
- Ideal for installing a waterproof under-roof without formwork
- Ventilated or unventilated roofs
- On insulation or continuous supports
- Tensioned between rafters except in high altitude conditions

## Advantages

- Exceptionally long life ensuring effective protection of outlays in building and roof construction
- Long-term resistance to UV radiation (see 5000-hour UV tests)
- Impervious to water and heavy rain
- Breathable to ensure continuous residual dehumidification of the building volume
- 10-year system warranty (see certificate on page 31)

## Installation advantages

- Exceptional structural strength
- Superior perforation resistance even without any boarding (DIN 4426)
- Economical installation as a waterproof underlay based on clean technology and providing a warranty
- Secure "emergency roof" system resistant to atmospheric conditions and guaranteed for 24 months prior to permanent roofing
- Wide range of accessories (glue, nail sealers, moulded parts, etc.) ensuring absolute secure waterproofing of junctions etc.
- Compatible with all insulation and building materials (including bitumen).
- Can be Glued directly onto wood, metal or rendered supporting structures

## Colours



Brown

# STAMISOL DW

Description	Stamisol DW	Standards
Base cloth	Unwoven polyester	
Coating	Polyacrylate	
Weight of polyacrylate protective layer	265 g/m <sup>2</sup>	
Total weight	380 g/m <sup>2</sup>	
<b>Membrane properties</b>		<b>EN 13859-1</b>
Tensile strength (L/T):		
> Initial	520/470 N/5cm	EN 12311-1
> After aging 5000 hours under UV	$\geq 95\%$ of initial strength	EN 12311-1
Nail tear strength (L/T)	288/345 N	EN 12310-1
Air layer thickness Equivalent SD	$\leq 0.06$ m	EN ISO 12572-C
Water penetration resistance:		
> Initial	W1	EN 1928
> After aging 5000 hours under UV	W1	EN 1928
Cold bending strength	-30°C	EN 1109
<b>Flame retardancy</b>		
Euroclass	E	EN 13501-1
Flame retardancy	VKF 5.2* (RF2) M3	SN 198898 NF P 92-507

The technical data above are average values with a +/- 10% tolerance. To ensure warranty effectiveness, refer to warranty certificate concerned page 31

(\*) guarantee only relevant for Stamisol products installed in Switzerland

### ADDITIONAL INFORMATION

Assembly properties		Standards
Roll width assembly breaking strength* (5 cm wide gluing with STAMCOLL N55)	Up to 100% of membrane strength	EN 12317-2
<b>Climatic resistance</b>		<b>Standards</b>
Imperviousness to water head	800 mm	EN ISO 20811
Imperviousness to heavy rain	Passes test	Internal test
UV/Dampness resistance during construction	24 months for screen and accessories	
Extreme working temperatures	- 40°C/+ 80°C	
<b>Management systems</b>		
Quality	ISO 9001	
Environment	ISO 14001	
<b>Certifications, labels, guarantees</b>		



NEW: Registered at WUFI [www.wufi.de](http://www.wufi.de) Complies with SIA 232-1 (Switzerland)

(\*) 100% figure obtained at ambient temperature in dry atmosphere. Final on-site value depends on conditions and care taken in gluing.

### PACKAGING

Ref.	Roll		Pallet	
	Dim	m <sup>2</sup>	Number of rolls	m <sup>2</sup>
6012942 (Brown)	26 lm x 2.50 m	65	25	1,625

Our packaging data are given for information only and may vary.