

# STAMISOL FA

Membrane for façades with stylish joints of 50 mm max., or 40% max. of which is open

Stamisol FA is designed for use behind ventilated and openwork facades. In addition to the material's long-term protection against water, wind and UV radiation, a wide range of accessories ensures reliable protective envelopes around the building



## Applications

- Ventilated and openwork facade facings\*
- On all types of structural support including wood, metal, etc.
- Ideal for facade structures in direct contact with thermal insulation

## Advantages

- Unmatched creative freedom with a unique, dynamic visual aspect and special in-depth printing
- Long-term UV resistance
- Excellent resistance to extreme winds ensured by the material's tearing and gluing strength
- Long-term, guaranteed protection against water and wind
- Conserves thermal insulation intact for a long period
- High breathability reduces condensation risk
- 10-year system warranty (see certificate on page 31)

## Installation advantages

- Assembly gluing and watertight screw sealers
- Assemblies can be glued onto any type of roof
- Wide range of accessories ensuring absolutely secure waterproofing of details
- Building shell protection even in emergencies: withstands bad weather and UV radiation for a 12-month period prior to final roofing.

## Colours



Black

# STAMISOL FA

Description	Stamisol FA	Standards
Base cloth	Unwoven polyester	
Coating	Polyacrylate	
Weight of polyacrylate protective layer	210 g/m <sup>2</sup>	
Total weight	290 g/m <sup>2</sup>	
<b>Membrane properties</b>		<b>EN 13859-2</b>
Tensile strength (L/T):		
> Initial	280/280 N/5 cm	EN 12311-1
> After 90 days at 70°C, then 5000 hours under UV	≥ 90% of initial strength	EN 12311-1
Nail tear strength (L/T)	210/210 N	EN 12310-1
Air layer thickness Equivalent SD	0.09 m	EN ISO 12572-C
Water penetration resistance:		
> Initial	W1	EN 1928
> After 90 days at 70°C, then 5000 hours under UV	W1	EN 1928
Resistance to air penetration	ca. 0.048 m <sup>3</sup> /h/m <sup>2</sup>	EN12114
Cold bending strength	-30°C	EN 1109
<b>Flame retardancy</b>		
Euroclass	E	EN 13501-1
Flame retardancy	VKF 5.3* (RF2) M3	SN 198898 NF P 92-507

Material characteristics shown are average values subject to 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
Assembly breaking strength* (5 cm wide gluing with STAMCOLL N55)	Up to 100% of membrane strength <b>EN 12317-2</b>
<b>Climatic resistance</b>	
Imperviousness to water head	600 mm EN ISO 20811
Resistance to atmospheric conditions	12 months for the façade membrane and the accessories, please contact us if exposed to the weather for longer, permanently UV resistant
Extreme working temperatures	- 40°C/+ 80°C
<b>Management systems</b>	
Quality	ISO 9001
Environment	ISO 14001
<b>Certifications, labels, guarantees</b>	



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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>
6012945	26 lm x 2.50 m	65	25	1625

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

\* Consult us with regard to openwork design rules: +41 44 8682626 (Switzerland) or +33 474 83 59 59 (France)