

STAMISOL

HIGH TECH ROOFING & BREATHABLE FACADE MEMBRANE

30 years
Stamisol DW®


Serge Ferrari

Stamisol is designed to last!

Made in Switzerland: Stamisol composite membranes are made at Serge Ferrari's Eglisau site in Switzerland, using high-performance materials and coating technology that ensures their unique properties, and are guaranteed for 10 years.

Special technologies

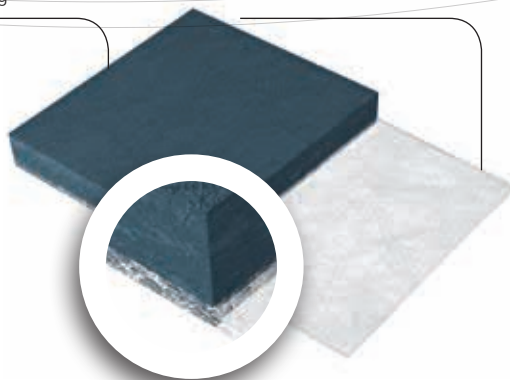
Reinforced unwoven back cloth protected by a breathable polyacrylate coating

Thanks to their thick, strong coating, Stamisol composite membranes ensure efficient protection which maintains their performance in the long term: key factors in terms of the durability of demanding structures.

Multilayer polyacrylate coating High tenacity unwoven polyester backing

Multilayer polyacrylate coating

- > Long-term resistance to UV radiation and bad weather
- > Breathes and ensures long-term water tightness



High tenacity polyester-reinforced unwoven back cloth

- > High strength
- > Excellent dimensional stability

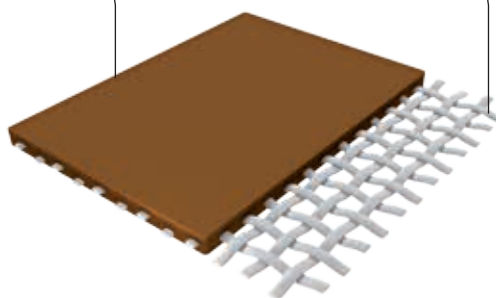
Woven polyester reinforcing sections featuring breathable PVC coating

The unique design of Stamisol Pack 500 composite membrane, based on a polyester mesh and a breathable coating, offers resistance to extreme conditions at high altitude, subject to very cold and freezing conditions, and multiple installation options.

PVC coating High tenacity woven polyester back cloth

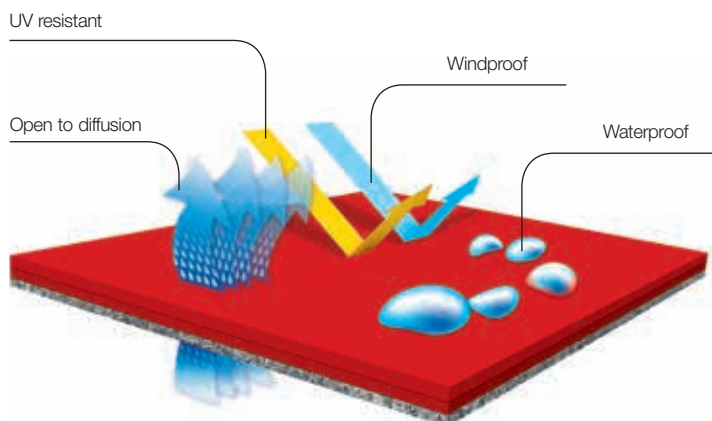
Weldable coating

- > Long-term protection against UV radiation and bad weather



Reinforced back cloth

- > Very high material strength
- > Under formable under very high loads



Long-term insulation capacity

Stamisol membranes for roofs and facades guarantee optimum performance of the insulation system in the long term.

- A dry insulation material due to waterproofing
- Permeable to water vapour and breathable to curtail condensation risk
- They protect the insulation from cold air penetration due to their wind proofing capacity

STAMISOL FI

Membrane intended for ventilated facades requiring stringent fire protection

Stamisol FI is designed for use behind ventilated, closed or slightly open facades and has a high fire rating (B-s3, d0). This fully comprehensive system ensures long-term protection against water and wind along with a significant contribution to insulation performance.



Applications

- A waterproofing screen for closed or ventilated facades (openness up to 15 mm)
- On all types of sub-structures such as wood, metal, etc.
- Ideal for facade structures in direct contact with thermal insulation

Advantages

- Also for facades of buildings with stringent fire protection requirements
- Withstands wind loads (membrane and assemblies)
- Efficient, long-term protection of thermal insulation
- Its breathability reduces condensation risk
- 10-year system warranty (see certificate on page 27)

Installation advantages

- Assembly gluing and watertight screw sealers
- Wide range of accessories for absolutely secure waterproofing of details
- Resistance to atmospheric conditions: maximum 4 weeks

Colours



Black

STAMISOL FI

Description	Stamisol FI	Standards
Base cloth	Unwoven polyester	
Coating	Polyacrylate	
Weight of polyacrylate protective layer	65 g/m ²	
Total weight	145 g/m ²	
Membrane properties		EN 13859-2
Tensile strength (L/T): > Initial	220/200 N/5 cm	EN 12311-1
Nail tear strength (L/T)	75/75 N	EN 12310-1
Air layer thickness Equivalent SD	0.05 m	EN ISO 12572-C
Water penetration resistance > Initial > After 90 days at 70°C, then 5000 hours under UV	W2 W2	EN 1928 EN 1928
Cold bending strength	-30°C	EN 1109
Flame retardancy		
Euroclass	B-s3,d0	EN 13501-1
Flame retardancy	VKF 5.2 * M1	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 27

(*) garantie uniquement pour les produits livrés en Suisse

ADDITIONAL INFORMATION

Climatic resistance		Standards
Imperviousness to water head	400 mm	EN ISO 20811
Resistance to atmospheric conditions	UV resistant, roofing must be installed in less than 4 weeks	
Extreme working temperatures	- 40°C/+ 80°C	
Management systems		
Quality		ISO 9001
Environment		ISO 14001
Certifications, labels, guarantees		



Complies with SIA 232-2 (Switzerland)

PACKAGING

Ref.	Roll		Pallet	
	Dim	m ²	Number of rolls	m ²
6010857	40 lm x 2.50 m	100	25	2,500

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