

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

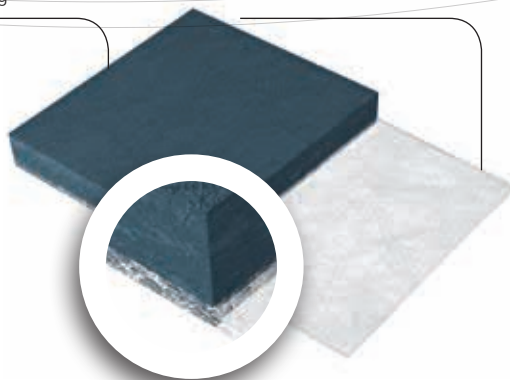
Reinforced unwoven back cloth protected by a breathable polyacrylate coating

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

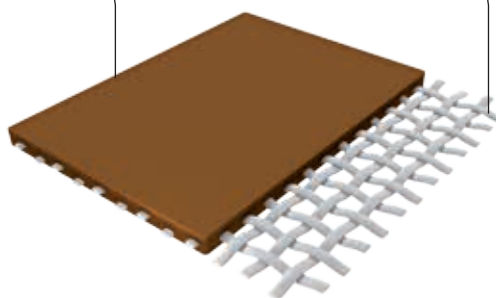
Woven polyester reinforcing sections featuring breathable PVC coating

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

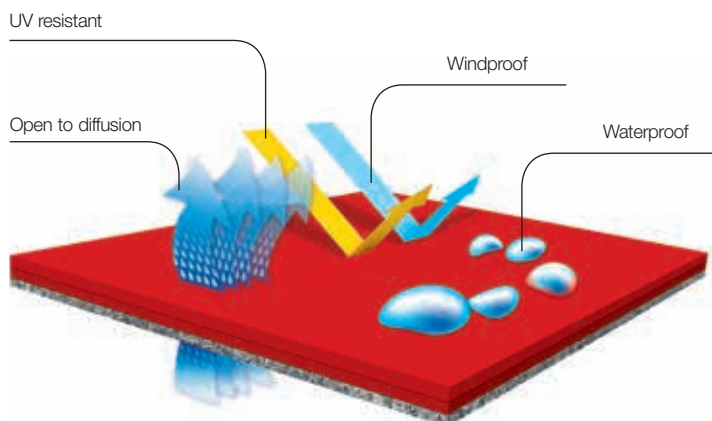
Weldable coating

- > 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 DW

Used behind largely open facings, top quality Stamisol DW facade screen withstands extreme conditions. Its special coating not only ensures long-term protection against water, wind and UV radiation, but also protects the building's insulation in the long term.

Extremely resistant membrane for moderately open facades which are subjected to the most demanding conditions



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

- Long-term UV resistance and protection against water and wind; suitable for extreme conditions such as those at high altitude
- Maximum creative freedom due to high openness, a unique, dynamic visual aspect and special in-depth printing
- Excellent resistance to extreme winds ensured by the material's tearing and gluing strength
- Conserves thermal insulation intact for a long period
- High breathability reduces condensation risk
- 10-year system warranty (see certificate on page 27)

Installation advantages

- Assembly gluing and watertight screw sealers
- Assemblies can be glued onto any type of supporting structure
- A wide range of accessories (glue, nail sealers, moulded parts, etc.) ensuring absolutely secure waterproofing of details
- Reliable insulation of the building shell even in emergency conditions: resistance to bad weather and UV radiation for a 24-month period prior to final roofing

Colours



Black

* Consult us with regard to openwork design rules: 0041 44 8682626 (Switzerland) ou 04 74 83 59 59 (France)

STAMISOL DW

Description	Stamisol DW	Standards
Base cloth	Unwoven polyester	
Coating	Polyacrylate	
Weight of polyacrylate protective layer	265 g/m ²	
Total weight	380 g/m ²	
Membrane properties		EN 13859-1
Tensile strength (L/T):		
> Initial	460/400 N/5cm	EN 12311-1
> After aging 5000 hours under UV	≥ 95% of initial strength	EN 12311-1
Nail tear strength (L/T)	280/320 N	EN 12310-1
Air layer thickness Equivalent SD	≤ 0.09 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
Flame retardancy		
Euroclass	E	EN 13501-1
Flame retardancy	VKF 5.3* 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 27
(*) garantie uniquement pour les produits livrés en Suisse

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
Climatic resistance		Standards
Resistance to water infiltration	800 mm	EN ISO 20811
Waterproofing against heavy rain	Passes test	Internal test
Resistance to atmospheric conditions	24 months for screen and accessories	
Extreme working temperatures	- 40°C/+ 80°C	
Management systems		
Quality		ISO 9001
Environment		ISO 14001
Certifications, labels, guarantees		



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 ²	Number of rolls	m ²
6012943 (Black)	26 lm x 2.50 m	65	25	1,625

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