STAMISOL

HIGH TECH ROOFING & BREATHABLE FACADE MEMBRANE

Serge Ferrari

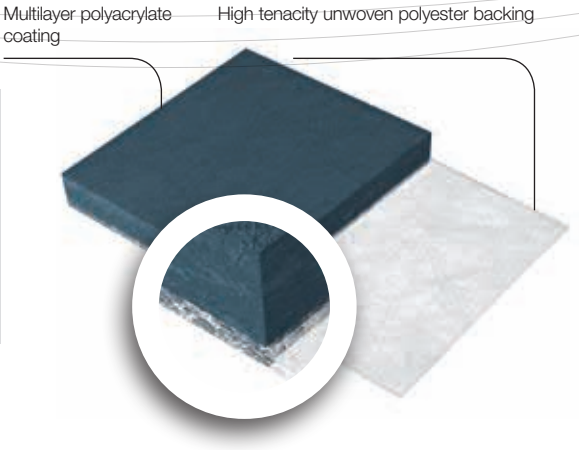
Stamisol is designed to last!

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

> Long-term resistance to UV radiation and bad weather

> Breathes and ensures long-term water tightness

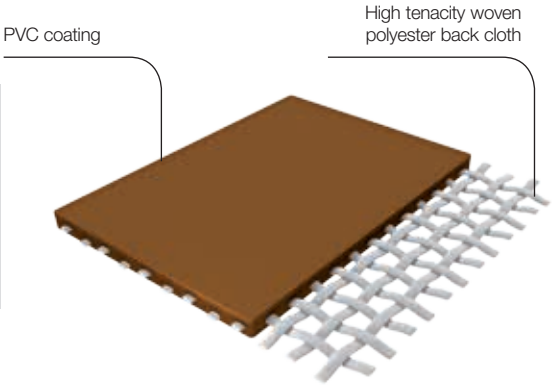
High tenacity polyester-reinforced unwoven back cloth

> 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.



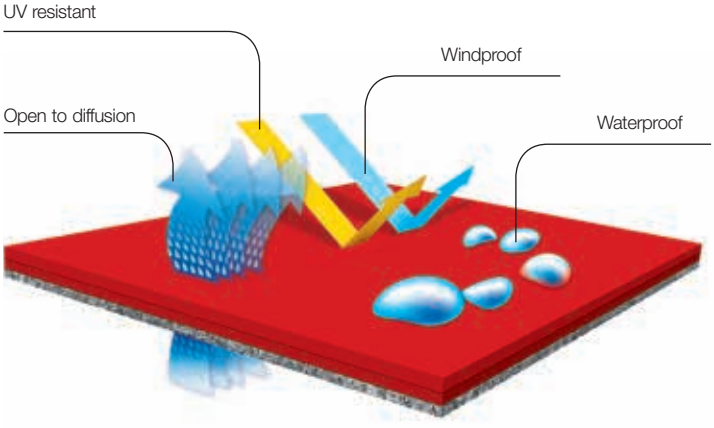
Weldable coating

> 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

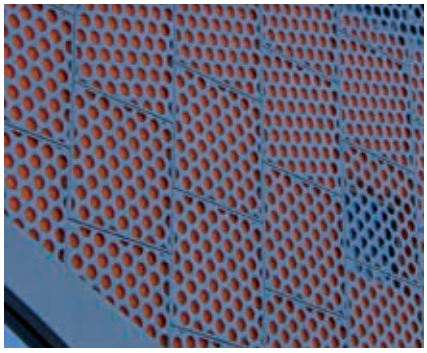
GERMAN DESIGN AWARD NOMINEE 2016

STAMISOL COLOR

Coloured membrane highly exposed to UV radiation for creative facades

With its wide range of colours, Stamisol Color allows you to be especially creative and ensures attractive in-depth printing behind openwork or transparent facings or facades made of wood, expanded metal, fabric, fibrous cement panels or glass.





Applications

- Openwork facade facings*
- Glass and translucent facades*
- On all types of supporting structures (wood, metal frames, etc.)

Strong points

- Maximum design freedom through a rich palette of colours, a high openness factor*, dynamic optics and special in-depth printing
- Outstanding long-term resistance to UV radiation and high protection against rain and wind even under extreme conditions
- Very high wind resistance due to the material's high tearing strength and its high-performance gluing
- Highly breathable: prevents condensation risks
- Optional: high-efficiency fire protection
- System guaranteed for 10 years (see Certificate on page 27)

Installation advantages

- Quick, simple and therefore economic installation
- Wide range of accessories (glue, nail sealers, moulded parts, etc.) ensuring absolute secure waterproofing of details
- Optimum building shell insulation even under emergency conditions: withstands bad weather and UV radiation for a 24-month period prior to final roofing

*** Consult us for openwork rules: 0041 44 8682626 (Switzerland) or 04 74 83 59 59 (France)**

Colours

Granite	08119	White	10325
Orange	08124	Red	10390
Eggplant*	08114	Honeysuckle	08109
Coal**	10231	Iron*	08116

NEW! Special colours on request for orders exceeding 1300 m²

* With mother-of-pearl effect
** Also available in Stamisol COLOR HI-FR version featuring Euroclass Bs2d0 fire rating

Printed colours may differ from real colours in Stamisol COLOR range (sample available on request) and are shown for information only.

STAMISOL COLOR

Description	Stamisol COLOR	Stamisol COLOR HI-FR	Standards
Base cloth	Polyester/Glass triple layers	Polyester/Glass triple layers	
Coating	Polyacrylate	Polyacrylate	
Weight of polyacrylate protective layer	295 g/m²	670 g/m²	
Weight	455 g/m²	820 g/m²	
Membrane properties			**EN 13859-2**
Tensile strength (L/T): > Initial > After 90 days at 70°C, then 5000 hours under UV	 330/330 N/5 cm ⩾ 85% of initial value	 400/400 N/5 cm ⩾ 85% of initial value	 EN 12311-1 EN 12311-1
Nail tear strength (L/T)	280/280 N	280/280 N	EN 12310-1
Air layer thickness Equivalent S_D	0.05 m	0.12 m	EN ISO 12572-C
Water penetration resistance: > Initial > After 90 days at 70°C, then 5000 hours under UV	 W1 W1	 W1 W1	 EN 1928 EN 1928
Resistance to air penetration	ca. 0.017 m³/h/m²	ca. 0.004 m³/h/m²	EN 12114
Cold bending	-30°C	-30°C	EN 1109
Flame retardancy			
Euroclass	E	B-s2,d0	EN 13501-1
Rating	VKF 5.3 M2	VKF 5.3	SN 198898 NF P 92-507

Structural characteristics given below are average values subject to a 10% tolerance. Sd values are given based on a 0.03 m tolerance.

To ensure warranty effectiveness, refer to warranty certificate concerned page 27

ADDITIONAL INFORMATION

Assembly properties	Stamisol COLOR	Stamisol COLOR HI-FR	Standards
Assembly breaking strength* (5 cm glued with STAMCOLL N55)	Up to 100% of membrane strength	Up to 100% of membrane strength	EN 12317-2
Climatic resistance			**Standards**
Imperviousness to water head	600 mm	600 mm	EN ISO 20811
UV resistance	Long-term UV resistance		
Extreme working temperatures	- 40°C/+ 80°C	- 40°C/+ 80°C	
Management systems			
Quality			ISO 9001
Environment			ISO 14001
Certifications, labels, guarantees			

Complies with **SIA 232-2** (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	m²	Number of rolls	m²
Depending on colour	26 lm x 2.50 m	65	12	780

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