

STAMISOL PACK 500

Extremely strong roofing membrane which can be installed in freezing conditions and is economically prefabricated

Thanks to its excellent strength, Stamisol Pack 500 can be used at high altitude. This reinforced composite membrane is outstanding not only for its flexible installation and rapid completion, but also for its 100% recyclability



Applications

- Shallow slopes $\geq 5^\circ$ or pitched roofs
- All climates including high altitude
- With all types of roof (except unventilated slate roofs)
- Installation on insulation or continuous supports (sarking, boarding, etc.) or between rafters except in high altitude climate
- Can be used even in ridge area of shallow pitched roofs at high altitude

Advantages

- Resistance to extreme climatic conditions at high altitude
- Very long service life
- Long-term resistance to UV radiation and high breathability
- Exceptional structural strength
- Extremely watertight under heavy rain
- 10-year system warranty (see certificate on page 31)
- Can even be used for the eaves of slightly sloping roofs without any other protection: 5,000 h UV to EN 13859-1 standard (the EN standard only requires 336 h!)

Installation advantages

- Option: factory pre-assembly for quick laying of insulation (see appended order form)
- Can be welded at all outside temperatures above de 5°C.
- Safe "emergency roofing" system stable in bad weather for up to 24 months prior to permanent roofing
- Superior perforation resistance even without any boarding (DIN 4426)
- Wide range of accessories (glue, nail sealers, moulded parts, etc.) ensuring absolute secure waterproofing of junctions etc.
- Compatible with all supports
- Direct gluing onto wood, metal or rendered supporting structures

Colours



Brown

100% recyclable through Taxyloop®

Taxyloop® is Serge Ferrari's unique, patented recycling system for Pack500. After reaching the end of their useful life, the material and off-cuts are recycled to prevent harm to the environment if they are incinerated or put in landfills. Valuable resources are also recovered. For more information about our recycling system at the Ferrara site in Italy go to: www.taxyloop.com

STAMISOL PACK 500

Description	Stamisol PACK 500	Standards
Base cloth	Woven polyester backcloth	
Coating	PVC	
Total weight	500 g/m ²	
Membrane properties		EN 13859-1
Tensile strength (L/T):		
> Initial	2500/1500 N/5 cm	EN 12311-1
> After aging 336 hours under UV	$\geq 90\%$ of initial strength	EN 12311-1
Nail tear strength (L/T)	500/800 N	EN 12310-1
Air layer thickness Equivalent SD	0.95 m	EN ISO 12572-C
Water penetration resistance:		
> Initial	W1	EN 1928
> After aging 336 hours under UV	W1	EN 1928
Cold bending strength	-40°C	EN 1109
Flame retardancy		
Euroclass	E	EN 13501-1
Flame retardancy	VKF 5.3 * (RF2)	SN 198898

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*				
> automated hot air welding (25 mm)	1 200/1 000 N/5 cm			EN 12317-2
> manual hot air welding + roller (25 mm)	700/600 N/5 cm			EN 12317-2
> Gluing with STAMCOLL N55 (50 mm)	700/600 N/5 cm			EN 12317-2
Climatic resistance	Standards			
Imperviousness to water head	2800 mm			EN ISO 20811
Imperviousness to heavy rain	Passes test			Internal test
UV/Dampness resistance during construction	24 months for screen and accessories. Long-term resistance to UV radiation			
Extreme working temperatures	- 40°C/+ 100°C			
Environmental impact: LCA (Life Cycle Assessment)				
Comparative analysis depending on end-of-life scenarios	Taxyloop® recycling	Incineration	Landfill	Functional unit = 1 sqm Stamisol PACK 500 material
Resource depletion	0.011	0.054	0.054	kg Sb eq
Global warming	0.548	1.584	1.283	kg CO2 eq
Energy Consumption	32.47	54.22	54.21	Megajoul eq.
Water consumption	43.86	126.76	125.96	Litres
Management systems				
Quality				ISO 9001
Environment				ISO 14001
Certifications, labels, guarantees				



NEW: Registered at WUFI www.wufi.de

Complies with SIA 232-1 (Switzerland)

[*] Workshop assembly-based values provided for information purposes

PACKAGING

Ref.	Roll		Pallet	
	Dim	m ²	Number of rolls	m ²
6012349	25 lm x 2.60 m	65	10	650
6007593	250 lm x 2,60 m	650	1	650
6007595	250 lm x 1,30 m	325	2	650
6011020	250 lm x 0.65 m	162.5	4	650

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