

Satex D Folie

Liquid waterproofing membrane for roofs

Properties

Satex D Folie is a solvent free, highly elastic, one component cold applied liquid membrane for dry roof substrates. After drying, it provides a waterproof but vapor permeable, extremely elastic, rubber like membrane without seams and joints.

It has elongation at break of almost 250% at +23°C and resistant to ageing and UV radiation, to great variations in temperature (approx. -20°C to +80°C), diluted acids, alkalis, and aggressive industrial gases.

Area of applications

Satex D Folie, is used as watertight, decorative and reflective membrane for roofs of bitumen felts and fibre cement. Perfect protective coating for roofs on administration buildings, factories and stores, warehouses, exhibition halls, hospitals, schools and many more, including flat roofs. It is used onto concrete, zinc and aluminium.

Product Data

| | |
|-----------------------------|---|
| Base | acrylic dispersion |
| Colours | light grey, white |
| Consistency | semi liquid |
| Density | approx. 1,6 g/cm ³ |
| Shore hardness A | approx. 40 Ö 5 |
| Elongation at break | approx.250% at +23°C |
| Application | roller, brush or airless spray after complete drying of the primer and the repaired areas |
| Consumption | 1,6 kg/m ² (=1 litre/m ²) minimum |
| Drying time | approx. 48 hours at+20°C and 50 % |
| Temperature for application | +10°C minimum (substrate and atmosphere) |
| Resistance to temperature | approx. -20°C to +80°C |
| Cleaner | water when still fresh |

Working instructions

Preparation of substrates

The substrate must be loadbearing and free from dirt, dust, loose material, oil, grease and other release agents. Bitumen surfaces, old asphalt surfaces, bitumen roofing felts and membranes must be primed with the solvent containing primer V in order to consolidate the weathered surfaces. Structural and construction joints, such as between two buildings are covered with a permanently tight and elastic sealing tape Satex B 240 or 400. After drying, the membrane Satex D Folie remains watertight. The insertion of the elastic fleece is necessary for application to surfaces of zero flat roofs which are subject to cracks. Dry weather during and after application is a prerequisite for satisfactory drying of the waterproofing membrane and bitumen surfaces, concrete roofs and new fibre cement sheets. After cleaning, the roof surfaces are consolidated with the primer Primer V (solvent based) or Satex TG (solvent free). Satex D Folie is applied on the top of primer.

Metal roofs

Remove loose paint with a wirebrush on zinc and aluminium. Remove corrosion if any, and prime with Primer V for better bonding. After drying of the primer, apply Satex D Folie as described above.

Watchpoints

We recommend the application of thin coats at low temperatures and high atmospheric humidity in order to provide a thorough drying of the whole membrane. Application in thick coats will result in much longer drying time. Application when rain threatens should be avoided for all substrates. The application at temperatures below +10°C will result, particularly in case of thick coats, in incomplete film formation and consequently reduced elasticity of the film as well as the possibility of formation of cracks in the coating.

Consumption

Pitch roofs

Decorative and reflective coating 1.6 kg/m², in one coat

Metal roofs

Waterproofing coating 2 kg/m², 1 operation

Primers

Bitumen surfaces primer V 200 - 300 cm³/m²

Mineral surfaces Satex TG 200 - 300 cm³/m²

Metal surfaces Primer V 200 cm³/m²

Delivery and storage

Satex D Folie is delivered in light grey, white in 20 kg pail (net weights). Can be stored dry and frost free for at least 12 months in original sealed packing. Primer V is available in 6 l and 17 l containers (net contents).

Notes

This data sheet is based on comprehensive experiences, intends to inform to the best knowledge, is not legally binding and does not constitute a contractual legal relationship or a side obligation from the purchase agreement. We guarantee for the quality of our product under our terms and conditions of sale and purchase. In to reduce the risk of error, limiting information is also stated. We reserve the right to make changes representing technical progress. This data sheet supersedes all earlier technical data on this product.