



LASTOFLEX ST

Waterproofing coating for vertical and horizontal surfaces based on special siloxane resins and additives, which is vulcanised to an elastic material with the moisture of the atmosphere.

Colours: White, Grey, Red

PHYSICAL PROPERTIES

- Excellent adhesion on most substrates without primer** (concrete, bricks, tiles, plaster, metals, plastics).
- It adheres on itself.**
- Excellent weathering (resistance to UV radiation and moisture)**
- It can be applied in one thick layer without forming bubbles.**
- Elastic performance and working deformability even at -40°C
- Crack bridging properties
- Temperature variation resistance: -40°C - +80°C.

TECHNICAL PROPERTIES

- Skin forming time: 45-75 min (depending on environmental conditions)
 - Elongation at break (DIN 53504) : 300 %
 - Tensile strength (DIN 53504) : 2 N/mm²
 - Hardness SHORE A: 50
 - Specific Gravity (before vulcanization): 1,23
 - Temperature variation resistance: -40°C - +80°C
 - Vapour transmission rate (ISO 9932) : 30 gr/m²/hr.
- Resistance to UV radiation and moisture exposure (**QUV-se ACCELERATED WEATHERING CYCLIC CORROSION TESTER**) 2000 h accelerated weathering, consisting of the following cycles:
- a. 4h UV exposure, at 60°C
 - b. 4h moisture exposure, at 50°C.
- Result:** LASTOFLEX-ST has remained unchanged.

APPLICATION FIELDS

It is used for surface waterproofing. Due to its very low water absorption it is recommended for difficult applications such as surfaces with stagnant water, roofs, basements, tanks etc.

APPLICATION INSTRUCTIONS

Weather conditions: Rainy weather should be avoided. Temperature: +5°C - +40°C

Preparation:

- The application surface must be dry and clean from loose particles, dust, etc.
- Priming with a special Primer is recommended only where the surface is easily crumbled or, generally, of poor mechanical strength.
- Lastoflex ST is not compatible with asphalt coatings and sealants. When the surface has residues of asphalt materials then a layer of water based acrylic coating must be applied and when it has completely dried then Lastoflex ST is applied over it.

Application: LASTOFLEX-ST is applied by roll, brush or jagged spatula in one layer of 1-1.5 mm thickness. The product can be diluted if necessary with white spirit up to 5% by weight.

Curing time: 3 to 4 hrs, depending on environmental conditions and thickness of the layer

Consumption:

1-1,5 Lt / m² depending on the surface.

WARNING TO USERS

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Users are requested to check that they are in possession of the latest version of this document and

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