



Sikaflex[®]-953 AF
FAST CURING MOLD AND
FUNGUS RESISTANT
ASSEMBLY ADHESIVE

BUILDING TRUST



Sikaflex[®]-953 AF

Sikaflex[®]-953 AF is a two-component mold- and fungus-resistant silane terminated polymer assembly adhesive which cures by chemical reaction of both components. It must be used in combination with Sikaflex[®]-905 B. Sikaflex[®]-953 AF contains fungicide, therefore it is resistant to fungal and bacterial growth according DIN EN ISO 846: 1997-10. It meets hygiene requirements for ventilation and air-conditioning systems and units according VDI 6022 Blatt 1:2011-07. Sikaflex[®]-953 AF has a great weathering and ageing resistance and bonds well to a wide variety of substrates without the need for special pretreatments. Thanks to its 2-component formulation, this solution shows good gap filling properties and fast curing in depth, independently from room humidity. It's suitable for bonding of large components exposed to dynamic stress and where the attainment of early strength is required. Sikaflex[®]-953 AF is suitable to bond metals, particularly aluminum (including anodized), steel (including phosphated, chromated, galvanized), metal primers and paint coatings (2-part systems), ceramic materials and plastics

KEY PRODUCT FEATURES

- Wide adhesion range, bonds well without the need for special pretreatments
- Equipped with fungicide for ultimate mold and fungus resistance according DIN EN ISO 846: 1997-10
- Fast curing thanks to its 2-component formulation
- Excellent aging and weathering resistance
- Good gap filling properties
- Pumpable over long distances
- Solvent and isocyanate-free
- To be used in combination with Sikaflex[®]-905 B



Technical Data

Chemical base	2-C STP
Color	Light grey
Density mixed	1.38 kg/l
Open time	25 min.
Mixing ratio (with Sikaflex [®] -905 B)	10:1 by volume and 11.7:1 by weight
Shore A Hardness	40
Service temperature	-45 - 90°C, 160°C (short term)
Tensile strength	2.5 MPa
Elongation at break	350%
Tensile lap-shear strength	1.4 MPa
Tear propagation resistance	6 N/mm

TYPICAL APPLICATION AREAS

- Plate heat exchangers
- Air conditioning units
- Cooling towers and heating systems
- Industrial refrigeration units

Manufacturers of plate heat exchangers rely on Sika solutions for all sealing and bonding applications. Particularly, Sikaflex[®]-953 AF is used for bonding and sealing between the plates and outerframe, ensuring reliability, durability and perfect tightness.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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