



Sikaflex[®]-522
HIGH PERFORMANCE,
LOW EMISSION,
FUNGUS-RESISTANT

PRODUCT DESCRIPTION

Sikaflex®-522 is a low emission one-component adhesive sealant based on the Sika Silane Terminated Polymer (STP) technology that cures on exposure to atmospheric humidity. Sikaflex®-522 meets highest EHS standards with very low emissions as (EC1^{PLUS}) its formulation is isocyanate, solvent, PVC and phthalate free. Sikaflex®-522 contains fungicide, therefore it meets hygiene requirements for ventilation and air-conditioning systems and units according VDI 6022. It may also be used for sealing in food processing environments as well as on refrigerated trucks and stationary cold-storage containers according EN 1186, EN 13130 and CEN/TS 14234 standards.

Sikaflex®-522 is low odor, ageing and weathering resistant, bonds well to a wide variety of substrates without the need for special pretreatments. It is suitable for interior and exterior elastic sealing and bonding applications on substrates such as timber, glass, metals, metal primers and paint coatings (2-component systems), ceramic materials and plastics.

TYPICAL APPLICATION AREAS

- General machinery, body and frame sealing and bonding
- Hygiene, ventilation and air conditioning systems
- Store refrigerators and refrigerating rooms and trucks
- Food processing and packaging machinery
- Sealing and bonding in recreational vehicles

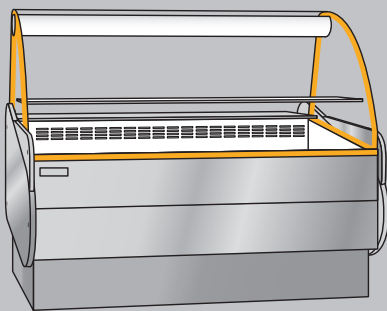
KEY PRODUCT FEATURES

- Equipped with fungicide for ultimate mold and fungus resistance
- Excellent ageing and weathering resistance
- Meets highest EHS standards as it is free of isocyanate, solvents, PVC and phthalates (EC1^{PLUS})
- Wide adhesion range, bonds well without the need for special pretreatments

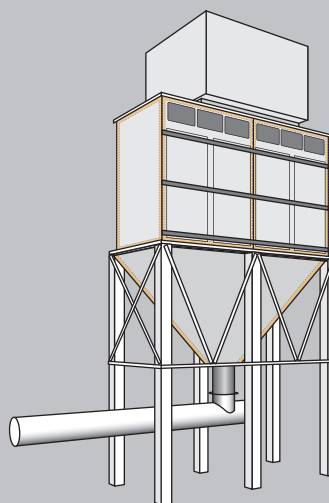


TECHNICAL DATA

Chemical base	1-Component STP
Colour	White
Non-sag properties	Good
Application temperature	5°C – 40°C
Skin time	30 minutes
Shore A-hardness	40
Tensile strength	1.8 N/mm ²
Tear propagation resistance	7.5 N/mm ²
Elongation at break	400%
Service Temperature	-50°C to +90°C
Short term	4h 140°C / 1h 150°C



Durable and qualified joint seals in food cooling and transport can be achieved with Sikaflex®-522.



Sealing and bonding of metal sheets in air treatment and ventilation systems with Sikaflex®-522 for ultimate mold and fungus-resistance.

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