



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 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 pre-treatments. 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-part 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

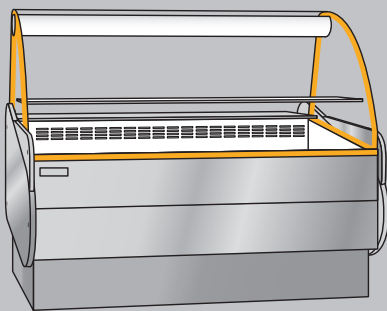
KEY PRODUCT FEATURES

- 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
- Wide adhesion range, bonds well without the need for special pretreatments

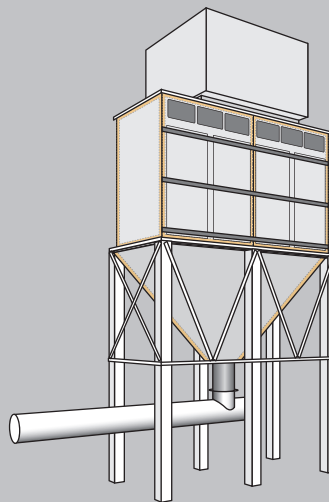


TECHNICAL DATA

| | |
|-----------------------------|-----------------------|
| Chemical base | 1-Component STP |
| Colour | White |
| Non-sag properties | Good |
| Application temperature | 5°C – 40°C |
| Skin time | 30 minutes |
| Shore A-hardness | 35 |
| Tensile strength | 1.5 N/mm ² |
| Tear propagation resistance | 6 N/mm ² |
| Elongation at break | 350% |
| Service Temperature | -40°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.

SIKA SERVICES AG

Tueffenwies 16
CH-8048 Zurich
Phone: +41 (0) 58 436 40 40
Fax: +41 (0) 58 436 55 30
www.sika.com/industry

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