

Sikaflex<sup>®</sup>-545

HIGH GRAB, LOW EMISSION,  
ASSEMBLY ADHESIVE FOR  
FAST PART HANDLING

## PRODUCT DESCRIPTION

Sikaflex®-545 is a one-component elastic assembly adhesive based on Sika Silane Terminated Polymer (STP) technology. It has very low emissions and is free of isocyanate, solvent, PVC and phthalates, meeting the most severe EHS standards. It has excellent workability and can be applied easily by manual dispenser. Additionally it has unique high initial grab properties offering exceptional load carrying capacity directly after application, outperforming most silane modified products on the market.

Sikaflex®-545 adheres well to a wide variety of substrates without the need for special pre-treatments. It can be used on substrates such as timber, glass, metals, metal primers and paint coatings (2-part systems), ceramic materials and plastics.

## TYPICAL APPLICATION AREAS

- General machinery manufacturing
- Body and frame assembly applications
- Elevator and home appliances industries
- Mirror bonding
- Everywhere where fast handling and an elastic joint is required

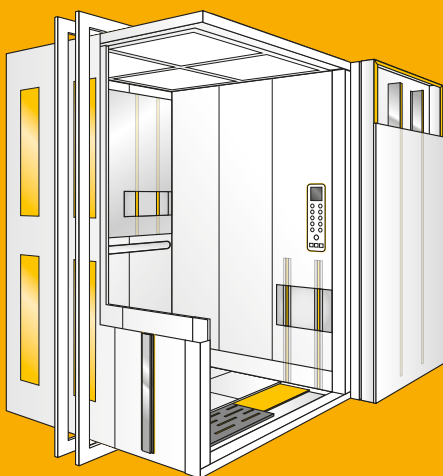
## KEY PRODUCT FEATURES

- Powerful initial grab
- Very good workability, easy to extrude with manual dispensers
- Meets highest EHS standards
- Wide adhesion range, bonds well without the need for special pre-treatments

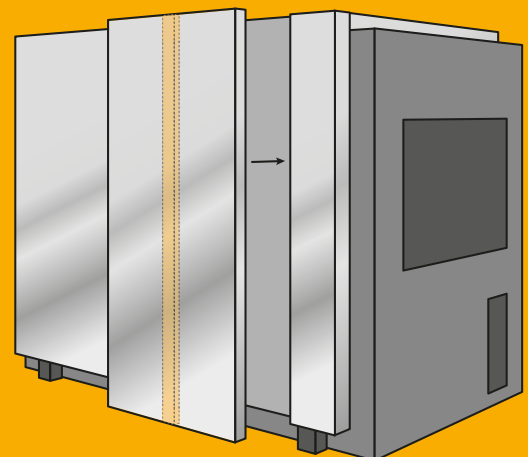


## TECHNICAL DATA

Chemical base	1-Component STP
Colour	White
Cure mechanism	Moisture curing
Non-sag properties	Excellent
Application temperature	5°C - 40°C
Skin time	15 minutes
Shore A-hardness	45
Tensile strength	2.5 N/mm <sup>2</sup>
Tear propagation resistance	7 N/mm <sup>2</sup>
Elongation at break	400%
Service Temperature	-50°C to +80°C



A reliable bonding joint of metal stiffener and frames in metal bodies can be achieved with Sikaflex® -545 with fast and easy handling process.



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