



**Sikaflex<sup>®</sup>-545**

**HIGH GRAB, LOW EMISSION  
ADHESIVE FOR FAST  
HANDLING**

# Sikaflex®-545

## PRODUCT DESCRIPTION

Sikaflex®-545 is a one-component elastic assembly adhesive based on Sika Silane Terminated Polymer (STP) technology. It is a high initial grab adhesive and meets most severe EHS standards with very low emissions as it is free of isocyanate, solvent, PVC and phthalate. It can be applied easily by a manual dispenser. Nevertheless the high green strength of Sikaflex®-545 allows a powerful initial load capacity directly after application, outperforming most available silane modified products.

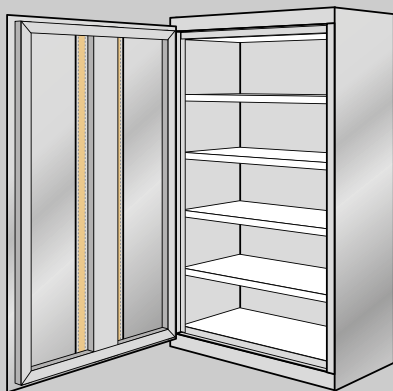
Sikaflex®-545 adheres well to a wide variety of substrates without the need for special pre-treatments. It can be used on substrates such as timber, glass, metals, metal primers and paint coatings (2-part systems), ceramic materials and plastics.

### TYPICAL APPLICATION AREAS

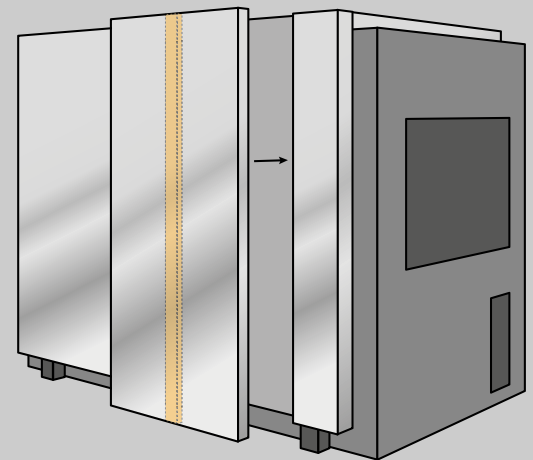
- Adhesion of Structures for Modular Construction
- General Machinery Manufacturing
- Body and Frame Assembly Applications
- Elevator and Home Appliances Industries
- Fixation of Mirrors
- Anywhere Fast Handling and an Elastic Joint is Required

### KEY PRODUCT FEATURES

- ASTM C557 Certification: Standard Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing
- Exceptional 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



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



### 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

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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