

## PRODUCT DATA SHEET

# Sikaflex®-715

Semi self-leveling roof membrane sealer

## TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Silane Terminated Polymer
Color (CQP001-1)	White, black
Cure mechanism	Moisture-curing
Density (uncured)	1.52 kg/l (12.7 lb/gal)
Non-sag properties	Semi self-leveling
Application temperature	5 – 40 °C (41 – 104 °F)
Skin time (CQP019-1)	30 minutes <sup>A</sup>
Curing speed (CQP049-1)	(see diagram 1)
Shore A hardness (CQP023-1 / ISO 48-4)	10
Tensile strength (ASTM D412)	0.6 MPa (85 psi)
Elongation at break (ASTM D412)	500 %
Service temperature (CQP513-1)	-50 – 90 °C (-58 – 194 °F)
Shelf life (CQP016-1)	cartridge 9 months <sup>B</sup> drum 6 months <sup>B</sup>

CQP = Corporate Quality Procedure

<sup>A</sup>) 23 °C (73 °F) / 50 % r. h.<sup>B</sup>) storage below 25 °C (77 °F)**DESCRIPTION**

Sikaflex®-715 is a one-component silane terminated polymer (STP) sealant that cures on exposure to atmospheric humidity. Its unique flow characteristic is designed for roof sealing applications. Sikaflex®-715 has very good adhesion and UV resistance making it suitable for open joints.

**PRODUCT BENEFITS**

- Primerless adhesion to difficult substrate
- Semi self-leveling for roof sealing
- Very good dispensing characteristics
- Isocyanate free
- Low VOC content
- Very good UV resistance

**AREAS OF APPLICATION**

Sikaflex®-715 is suitable for sealing a wide variety of RV roofing components including, EPDM; metals such as anodized and bare aluminum; phosphated, chromated and zinc plated steel; metal primers; 2-part coatings; ceramics and plastics.

Seek manufacturer's advice and perform tests on original substrates before using Sikaflex®-715 on materials prone to stress cracking.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

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012401207150001000

## CURE MECHANISM

Sikaflex®-715 cures by reaction with atmospheric moisture. At low temperatures the water content of the air is generally lower and the curing reaction proceeds somewhat slower (see diagram 1).

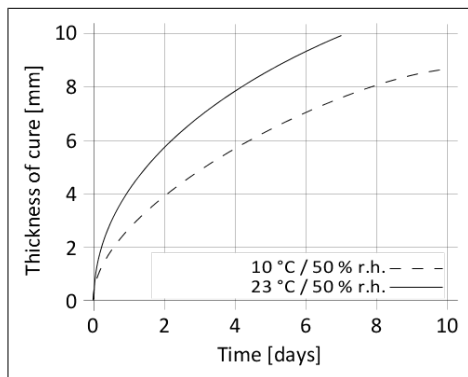


Diagram 1: Curing speed Sikaflex®-715

## CHEMICAL RESISTANCE

Sikaflex®-715 is generally resistant to fresh water, seawater, diluted acids and diluted caustic solutions; temporarily resistant to fuels, mineral oils, vegetable and animal fats and oils; not resistant to organic acids, glycolic alcohol, concentrated mineral acids and caustic solutions or solvents.

## METHOD OF APPLICATION

### Surface Preparation

Surfaces must be clean, dry and free from grease, oil and dust.

For repairs, removal of pre-existing products is crucial to avoid compatibility issues. Surface treatment depends on the specific nature of the substrates and is crucial for a long lasting bond. Adhesion and compatibility have to be verified by tests on original substrates.

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## Application

Sikaflex®-715 can be processed between 5 °C and 40 °C (41 °F and 104 °F) but, changes in reactivity and application properties have to be considered. The optimum temperature for substrate and process material is between 15 °C and 25 °C (59 °F and 77 °F). Sikaflex®-715 can be processed with manual, pneumatic or electric driven piston guns as well as pump equipment.

For advice on selecting and setting up a suitable pump system, contact the System Engineering Department of Sika Industry.

## Removal

Uncured Sikaflex®-715 may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once cured, the material can only be removed mechanically. Hands and exposed skin have to be washed immediately using a suitable industrial hand cleaner and water.

Do not use solvents on skin.

## Overpainting

Sikaflex®-715 is not suitable for overpainting.

## FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheets

## PACKAGING INFORMATION

Cartridge	300 ml
Drum	50 gal

## BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## LEGAL DISCLAIMER

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