



# STR 140

## Product

Simson STR 140 is a 1-component, moisture curing polyurethane sealant. It is highly elastic, has a good slump resistance and can generally be overpainted.

## Applications

- Sealing joints in construction of busses, caravans and trailers.
- Sealing for noise and vibration reduction purposes.

## Features

- Good UV-resistance and ageing properties.
- Permanent elastic within temperatures from -40°C till +85°C.
- Paint compatible with most paint and lacquer systems, both alkyd resin and dispersion based (due to the large scale of different types of industrial paints, a paint compatibility test is recommended).

## Adhesion

In general adheres well on clean, dry, dust- and grease free substrates of stainless steel, galvanised steel, zinc, copper, brass, powder coated metal, most lacquered metal surfaces, glass, PVC, polyester (GRP), painted and lacquered wood, etc. No adhesion on untreated polyethylene, polypropylene and teflon. In those cases where due to great thermal or physical loads, especially under wet conditions, high adhesion demands are needed, it is advised to contact the local Bostik representative for advise.

## Method of use

Surface should be dry, clean and free of dirt, dust and grease. Use Cleaner I or another approved cleaning agent to remove any contamination on the surface. STR 140 can easily be extruded with a hand- or air pressure gun at temperatures between +10°C and +35°C. In sealing applications it should be tooled or smoothed within 60 minutes (at 20°C/50%RH) with a spatula or putty knife, occasionally moistened with a soapy water solution. Avoid soap solution penetrating between joint sides and sealant, because this will create loss of adhesion.

Cleaning tools or removing uncured residue of the product can be done with a clean colourless cloth, wetted with Simson Liquid 1. It is recommended to make a trial first to check possible attack of the substrate when using cleaners.

## STR 140

### Technical data

Basic material	1-component polyurethane	
Curing method	moisture	
Specific gravity	ca. 1.2 g/ml	
Skin forming time	ca. 60 min.	(20°C/50% R.H.)
Curing speed after 24 hrs	ca. 3 mm	(20°C/50%R.H.)
Shore A hardness	ca. 40	(DIN 53505)
Tensile stress (100%)	ca. 0.4 MPa	(DIN 53504/ISO 37)
Tensile stress at break	ca. 0.6 MPa	(DIN 53504/ISO 37)
Elongation at break	> 250%	(DIN 53504/ISO 37)
Temperature resistance	-40°C till +85°C	
Application temperature	+5°C till +35°C	
UV- and weather resistance	good	
Colours (standard)	white, grey	
Packaging	310 ml cartridges (boxes of 25), 600 ml sausages (boxes of 20)	

### Storage and stability

STR 140 can be stored for 12 months in an original, unopened container in a dry place at temperatures between +5°C and +30°C.

### Further information

The following publication is available on request:

- Material Safety Data Sheets (MSDS)

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