



ISR 70-41

The Simson Industrial Special Range is a range of high tech quality products especially developed for industrial applications.

Product

Simson ISR 70-41 is a 1-component, physical drying, EPDM resistant, permanent plastic bedding- and sealing mastic, based on polybutenes.

Applications

- Sealing EPDM rubber on metal sheets.
- Sealing metal-metal connections.
- Sealing mechanical sheet connections (for example in combination with rivetting).
- Bedding laths and decorative strips.
- Sealing seams in airducts.
- Sealing grooves between laths in the wood construction.
- Sealing profiles and window- and door frames in caravan and wagon construction.

Features

- Permanently plastic within a temperature range from -25°C up till +70°C.
- Can be applied at temperatures between +5°C and 35°C.
- Will not attack EPDM rubber.
- Very good ageing resistance.

Adhesion

If used on clean, dry and dust- and grease free metal substrates, it is not necessary to clean the substrate to obtain a good adhesion with ISR 70-41.

If the substrates are contaminated, they should be cleaned/degreased with a non-aggressive solvent, for example with Simson Cleaner E.

Method of use

ISR 70-41 can easily be applied with a hand- or airpressure gun. ISR 70-41 is a tacky, but adhering sealant; it is not easy to cut the material, however any surplus material can easily be removed by means of a cured butyl ball. Dab the contaminated parts with this ball and the surface will become perfectly clean.

Cleaning and removing of any small residues left of ISR 70-41 can be done with e.g. methylated spirits or alcohol. The substrates should be tested first for possible attack by the cleaners.



ISR 70-41

Technical data

Basic material	butyl rubber, synthetic resins, fillers and solvents
Consistency	smooth, homogeneous compound
Components	1
Specific gravity	ca. 1,40 g/ml
Flow 18x18 mm/20°C	0 mm
Penetration 0.1 mm/20°C	135-155
Maximum total movement accommodation	5% of joint width
Open time (20°C)	ca. 30 minutes
Dry contents	ca. 85%
Solvent percentage	ca. 15%
Temperature resistance	-25°C till +70°C
Application temperature	+5°C till +35°C
Skinforming	none, ISR 70-41 remains plastic and will not dry
Colours	grey
Packaging	310 ml cartridges, 600 ml sausages

Storage stability

ISR 70-31 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 Sheet)

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The Adhesive Company

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