



SIMSON ISR 70-07

SPRAYABLE SEALANT

16 November 2017

YOUR SMART ADVANTAGES

- Solvent, isocyanate and PVC free.
- Very good UV resistance and ageing properties.
- In general good adhesion on most substrates without priming.
- Permanently elastic at temperatures from -40°C to +120°C.
- Neutral, odourless and fast curing.
- Paint compatible with most industrial paint or 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).
- Paintable after skin forming (wet on wet); this will not significantly influence the curing speed.

DESCRIPTION

Bostik Simson ISR 70-07 is a solvent free, low viscous sprayable sealant, based on Silyl Modified Polymer (SMP) with a special spray structure for sealing overlapping seams, welded seams and construction seams in automotive and coach work.

USES

Sealing of welded- overlap- and construction seams. Overlaps of seams between uPVC and metal. For coating inside car wings, boots and bonnets and even as underbody coating. As repair material in all above mentioned applications. Sealing narrow seams and sealing small holes. As a vibration reducing coating.

PRODUCT CHARACTERISTICS

Colour	Grey
Basic Material	Silyl Modified Polymer (SMP)
Specific Gravity	Approx. 1.4
Curing Method	Moisture
Skin Forming Time	approx. 30 min (20°C/50% R.H.)

Tensile Stress at Break	approx. 1.5 MPa (DIN 53504/ISO37)
Elongation at Break	approx. 175% (DIN 53504/ISO37)
Shear Stress	approx. 1.1 MPa (DIN 53283/ ASTM D1002)
Isocyanate Percentage	0%
Curing Speed after 24hrs	approx. 2 mm (20°C/50% R.H.)
Shore A Hardness	approx. 45 (DIN 53505)
Volume Change	<4% (DIN 52451)
Tensile Stress (100%)	Approx. 1.1 MPa (DIN 53504/ISO37)
Tear Propagation	approx. 6N/mm (DIN 5315/ISO34)
Solvent Percentage	0%
Application Temperature	+5°C to +35°C
UV-and Weather Resistance	Excellent
Temperature Resistance	-40°C to+100°C
Product code	
290ml Cartridge/12 per Cartridge - Grey	30131710

SIMSON ISR 70-07 SPRAYABLE SEALANT

APPLICATION INSTRUCTION

Adhesion

In general ISR 70-07 adheres well without primer on clean, dry, dust and grease free substrates of aluminium, 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 and especially under wet conditions, high adhesion demands are needed, the use of Simson Primer M is recommended. Primer M degreases and prepares the surface of the substrate in one step.

On plain, untreated wooden surfaces and other porous substrates, Simson Primer P is recommended.

For more details concerning Primer M and Primer P, consult the specific Technical Data Sheets.

For not mentioned substrates and additional information consult Bostik.

Method of use

ISR 70-07 is sprayed by means of an appropriate air pressure gun with adjustable nozzle at a distance of 30-40 cm from the object. By adjusting the nozzle and the air pressure it is possible to obtain a smoother (orange peel) or a rougher structure. It is recommended to make a small trial first, so that the proper combination of nozzle and pressure can be determined in order to obtain the desired final result.

STORAGE & SHELF LIFE

Store in a cool, dry place, out of direct sunlight. Storage areas must be well ventilated and comply with Local, State and Federal regulations. For maximum shelf life, store between 5° and 20°C.

Shelf life for sausages is up to 12 months, when stored in original, unopened containers, under the above conditions

HEALTH & SAFETY

Obtain and read Material Safety Data Sheet, for details on Health and Safety information, prior to use of the material

PACKAGING

Bostik Simson ISR 70-07 is available in 290 ml cartridges.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.com/au for copies.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

BOSTIK HOTLINE

Smart help 1800 898 551



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Australian Consumer Law (ACL). Sale of the product by Bostik is subject to the Bostik Australia Proprietary Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.com/au