



PRODUCT DESCRIPTION

STARFIX PS RG 100 is a two-part elastomeric sealant based on a liquid polysulphide polymer which when mixed with accelerator (curing agent) cures by chemical reaction to form a tough, flexible rubber seal. This sealant has excellent Fuel resistance, adhesion to different substrates like masonry, concrete with excellent movement accommodation.

BENIFITS

- Easy to use, Cold applied.
- Pourable & self-leveling
- Excellent adhesion with many substrates.
- Very high thermal flexibility.
- Good UV, Flame and Fuel Resistance.
- Excellent Water proof

USES

STARFIX PS RG 100 is suitable for use within the construction industry on all parts where above average repeated movement is encountered over a wide temperature range.

TECHNICAL DATA SHEET

Form	2 components, paste
Colour	Grey
Application life	2 hours @ 25°C
Initial cure	24 hours @25°C
Full cure	7 days @ 25°C
Application temperature	5 - 50°C
Density	1.70 gm/cc
Non volatile content	> 97%
Operating temperature	-40°C to +80 °C

METHOD OF APPLICATION

- Surface should be fully dry, clean and free from dust, laitance, oil and grease etc.
- Clean with sand paper & wire brush, then dust and foreign particles to be removed. Subsequently use

masking tape at floor level beside both sides to get sharp edged neat and clean joint.

- Avoid adhesion of spill-over material beside the joint.
- Use polyurethane Foam (PUF) strips (equivalent) in expansion, construction & control joints as back up material to avoid 3-face adhesion and to avoid contact between joint forming board & sealant.
- Use of primer on vertical side faces of the joint is optional to ensure strong bonding between substrate and sealant. Primer must be recommended for old concrete.
- Sealant application should start after 30 minutes but not later than 2 hrs after priming the surface.
- The Base and Accelerator compounds are packed in pre-weighed quantity as per the mixing ratio.
- Mix the material of individual container.
- Transfer entire quantity of Accelerator to the base compound and mix it thoroughly to a uniform and homogenous Grey color.
- Mixing can be done manually with spatula/palette knife or special flat stirrer attached to a low speed electric mixer less than 500 rpm.

Standard Specification

STARFIX PS RG 100 Complies with requirement of. B.S 5212. **ASTM C 920-87** Type M class 25, Federal specs. TT-S-00227 E Type II Class A.

COVERAGE

To estimate the no. of running meter work done in 1 kg of PS RG 100 required to seal the joint can be very easily estimated by using the following formula:-

$$\text{PS RG 100 L/KG} = \frac{625}{(W \times D)}$$

Where, L = Length of the joint in linear running meter

W = Width of the joint in mm.

D = Depth of the joint in mm.

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HEALTH & SAFETY

- **STARFIX PS RG 100** and primer may cause sensitization by inhalation and skin contact.
- Wear suitable clothing, gloves and eye/face protection. Barrier creams provide additional skin protection.
- Any skin contact occurs; remove immediately with a resin removing cream, followed by soap and water. Do not use solvent.
- In case of contacts with eyes, rinse with plenty of clean water and seek medical advice. Use only in ventilated areas.
- **Fire:** Primer is flammable. Do not expose flames or other sources of ignition. No smoking. Containers should be tightly sealed when not in use. In the event of fire, extinguish with CO₂ or foam.

faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

SHELF LIFE & STORAGE

12 months unopened containers when kept in dry conditions at a temperature between 5°C to 30°C. Storage at cool dry place under shed away from heat.

AVAILABLE PACKING-

Available in 1kg,4kg containers

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and our responsibility is limited to the quality of supplies with no guarantee of the results in the field, as manufacturer has no control over site conditions or execution of work.

DISCLAIMER

The product information & application details given by the company & its agents has been provided in good

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