

SealFlex PS

Two Part Gun and Pouring Grade Polysulfide Sealant

SEAL FLEX PS is a two-part, polysulfide sealant which effectively seals all joints subject to structural movement as well as non-moving joints against ingress of water and dirt. It is available in in gun and pouring grade

Advantages

- Flexible and elastic but tough.
- Can be over coated
- Accommodates continuous cyclic movement
- Good weather resistance
- Water Proof
- UV resistant
- Excellent adhesion to most substrates
- Can be painted after 24 hours

Application Field

For sealing of vertical or horizontal concrete joints, curtain-wall panels, tilt-up panels, window glazing, metal setting. Also, for all joint seal applications where a short curing period is required, such as expansion and contraction joints in shopping centers, sidewalks or any other traffic areas.

It will effectively prevent water from entering the sealed joints and thereby eliminate erosion of the soil underneath the slabs. Particularly areas which are in contact with water frequently, such as swimming pool decks and around planters must be protected. All coping joints and deck joints should be sealed. It's resistant to chemicals.

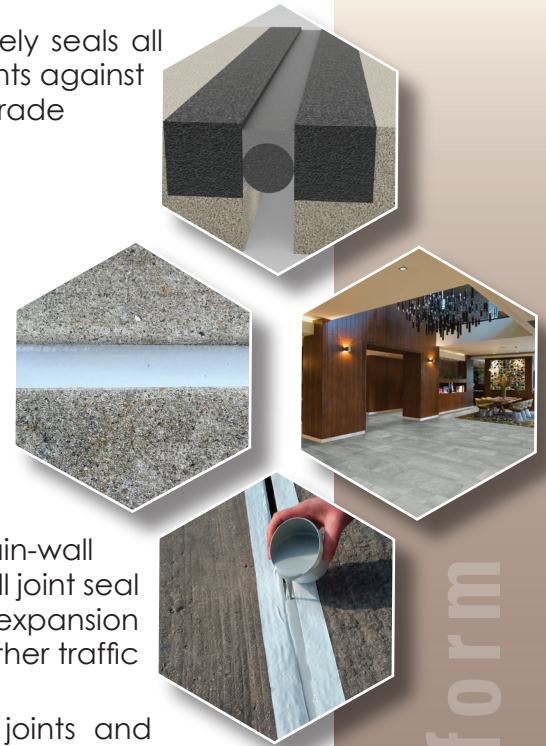
Design Criteria

Joints should be designed so that movement due to shrinkage and thermal change does not exceed 25% of the joint width.

Joint Width(mm)	Sealant Depth(mm)
5-10	as joint width
11 -20	15
21 -25	12 -17

Sealant depth must never exceed joint width.

Construction	Two Part -Paste
Binders	Poly Sulfide
Expansion	+/- 25 to 50 % of original joint width
Pot life	2 Hrs @25°C
Setting time	18Hrs @25°C
Cure time	1 Week @25°C
Colour	Grey
Age Resistance	Excellent
Chemical resistance	Excellent
Application temperature	5°C to 65°C
Operating temperature	-20°C to 60°C
Toxicity	Non toxic and fully eco friendly
Consumption	4.5 LM / 1KG for 10mm joint width
Hardness shore A	25



engineered to perform

Instruction for use

Sealflex has excellent adhesion to most substrates used in construction, particularly concrete, mortar, block work, wood, anodized bronze. It also bonds very well to some painted surfaces, but it is advisable to carry out a site trail first to assess the suitability of the particular coating in question.

Joint Preparation: Joint surface must be clean and dry remove all dust and laitance by grit blasting, grinding or rigorous wire brushing. Blow all joints clean using dry, oil free compressed air. All curing compounds, grease, waterproofing compounds etc must be removed. Polyurethane rod or polyurethane foam is recommended as a joint-filler and backup material. Fillers treatment with bituminous products, grease or oil should not be used. Where present, they must be removed or separated by vinyl tape or polyethylene film.

Where necessary to achieve the correct joint profile, backing cord should be used. Where backing cord is not used place bonding tape in the base of joint.

Where a neat finish is required, masking tape should be applied down each side of the joint prior to the sealant works, it should be removed immediately after tooling the sealant.

Priming

Priming is not generally required with this material, when using in dry, sound, well prepared joints or which have been reformed using resin based mortar. For further assistance, consult with the technical team of ORGANIX.

Application: Apply by caulking gun, hand or pour from container. Bulk sealant can be applied by pumping equipment. Press firmly into joint using a trowel or putty knife to insure good contact.

Maintenance

If the sealant or system is damaged and the bond is intact, cut out the damaged area and replace.

Packing

Available SIZES:

- (1) Pore grade: 4 Liter
- (2) Gun grade: 2.5 Liter

Storage:

SEALFLEX has a shelf life of twelve months from date of manufacture when stored in the original unopened container in dry, shaded conditions.

Technical Support

OBS representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance contact ORGANIX tech.support.

HEALTH AND SAFETY

Wear protective clothing, gloves and goggles.

Skin:- Avoid repeated or prolonged contact, if contact occurs ,clean with hand cleaner that removes oil or grease , then clean with soap and water. **Eyes :-** Contact could cause irritation. If contact occurs, flush with clean water. **Inhalation:-**Can cause dizziness. Remove to fresh air and if breathing difficulty persists, administer oxygen

