SEALFLEX
HIGHLY FLEXIBLE ELASTOMERIC JOINT SEALANT

An internally or externally applied joint sealant in wide range of application in building and civil engineering structures .Use to seal movement joints in building structures, Waterproofing membrane termination for enclosed and exposed applications.

Advantages

- One component, ready to use, simple to apply
- Can be over coated
- Does not need priming
- Good weather resistance
- Water Proof
- UV resistant
- Excellent adhesion to most substrates
- Can be painted after 24 hours

Description

Seal flex is based on a specially developed polymer system which gives enhanced technical properties .It cures by loss of carrier to form a flexible seal. It is applied simply from the cartridge/pail and can be finished neatly using suitable tooling. When cured it will be accommodates thermal and moisture movements. It can be over coated with most gloss or emulsion paints.

Design Criteria

Joints should be designed so that movement due to shrinkage and thermal change does not exceed the 22.5%movement accommodation factor related to 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.

PROPERTIES

Specific gravity	1.50
Binders	Elastomeric Polymer
Fillers	Fine precisely graded fillers
Expansion	+/- 15% of original joint width
Drying Time	Surface dry < 2 hours at 35° & 65% R.H Hard dry (at 10mm thickness) approx. 5 days at 35°C & 85% R.H
Colour	Grey/White
Age Resistance	Excellent
Service temperature	5°C to 65°C
Toxicity	Non toxic and fully eco friendly
Consumption	4.5 LM / 1KG for 10mm joint width
Excellent over coating properties	Yes.

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.

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

Sealflex can be applied by hand, trowel or air operated gun. Ensure that the sealant is pushed firmly in to the joint to give complete wetting of the surface. Any tooling of the sealant surface must be carried out immediately using a joint shaping tool soaked in white spirit, or a wet sponge. If required the edges of the joint can be protected with masking tape – if this is done ensure that the tape is removed immediately after tooling.

Maintenance

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

Packing: Available in 20 kg metal pails and 5 kg buckets.

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

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