

# SealFlex.BR

## BUTTER GRADE SEALANT

An internally or externally applied joint sealant in wide range of application in building and civil engineering structures . Its thick, buttery consistency allows it to be easily worked into vertical seams on metal roofs, gaps in flashings and around protrusions, and into heavily alligatored areas in weathered built-up roofing.

BR is ideally suited for sealing mechanical fasteners and horizontal seams on metal roofs, as well as around flashings, drains and protrusions.

### Advantages

- One component, ready to use, simple to apply
- Can be over coated
- Does not need priming
- Good weather resistance
- Water resistant
- U V resistant
- Excellent adhesion to most substrates
- Formulated for use in Middle east conditions ( extreme weather )

### 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 packing and can be finished neatly using suitable tooling. When cured it will accommodate thermal and moisture movements. It can be over coated with most gloss or emulsion paints.

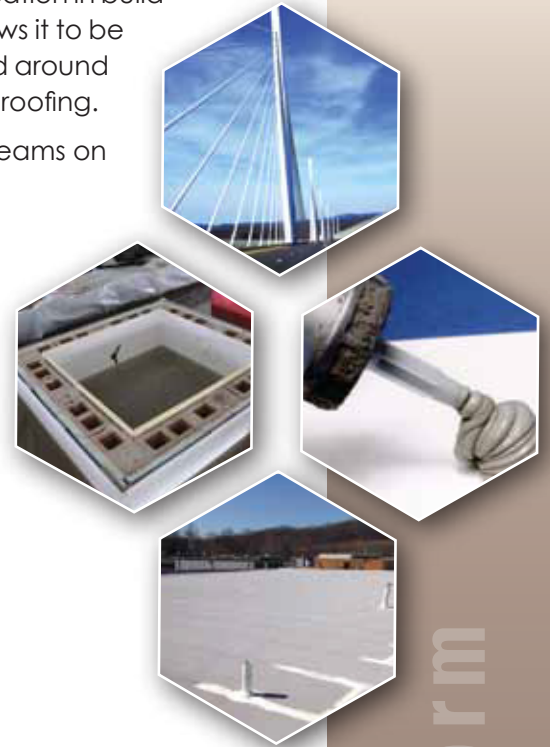
### PROPERTIES

Specific gravity	1.4
Flash point	Non-flammable
Movement Accommodation factor	%22.15
Density	.3 Kg/litre
Colour	white /Grey
Shrinkage	Approx. %23
Drying time	10 min depending on climate and thickness
Service temperature	°5C to °55C

### 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 for the particular coating in question.

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. If any thing required, consult with the technical team of ORGANIX.



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## Design Criteria

Joints should be designed so that movement due to shrinkage and thermal change does not exceed the %22.15 movement accommodation factor related to the joint width.

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

Sealant depth must never exceed joint width.

## Application

Apply the SEALFLEX BR in sufficient quantity to encapsulated fastener heads and completely seal the seam or crack being treated, extending the **SEALFLEX BR** 1 to 2 inches (2.5 to 5 cm) on either side of the opening. A stiff-bristle brush should be utilized for working the **SEALFLEX BR** in to seams, cracks and alligatored areas. When sealing vertical seams on metal roof decks, the **SEALFLEX BR** should be worked up into the seam with a brush. On horizontal metal roof seams, the **SEALFLEX BR** should be applied in a 3 to 4 inch (7.5 to 10 cm) strip, in 2 coats, to a total thickness of 60 to 80 wet mils (1,524 to 2,032 microns), centered over the seam. All seams must first be checked to assure that there is no more than ¼" (6 mm) deflection when pressure is applied below the seam. Add additional fasteners as necessary to minimize panel deflection.

## 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 pails , 5 kg buckets and 600ml cartridge

## 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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