SealFlex.BR-96

Butter Grade Caulk Sealant

Synthetic Elastomeric polymer based butter grade caulk sealant with buttery consistency allows it to be easily worked into horizontal and vertical seams, joints, voids on concrete, wood, metal and glass substrates . It is suitable for Internal and external applications , gaps in flashings , around protrusions, and into heavily alligatored areas in weathered built-up substrates . SealFlex BR-96 is ideally suited for sealing gaps, joints ,drains and penetrations. This is highly recommended to use for sealing cracks and voids on various substrate to seal before the application of liquid applied waterproofing membrane . It is applied simply from the packing and can be finished neatly using suitable tooling. When cured it will be accommodates thermal and moisture movements. It can be over coated with paints and coatings.



Features

- Ability to be used in a broad range of joint sizes
- Excellent tear and abrasion resistance
- Outstanding durability and Can be over coated
- Does not need priming & Non flammable
- Weather proof and Low shrinkage
- Water resistant and permanently flexible
- Extremely U V resistant and temperature resistant
- Adhesion compatibility to most substrates
- Formulated for use in Middle east conditions (extreme weather)

Field of Application

SealFlex BR-96 is designed for use on metal, copper, concrete, wood, asphalt, EPDM and PVC susbtrates . Especially designed for use where elastomeric caulks are required and suitable for extreme temperature (cold or hot) conditions .

Specification(Confirmed ASTM C 920 / BS 5212 /ISO 7390 /ISO 8339)

Technical Properties	Test Standard	Typical Values
Construction		Elastomeric Polymer
Colour		Grey, White /RAL ref
Specific gravity		1.4±0.2
Solid content	ASTM D2369	100 %
Tensile Strength	ASTM D 412	5 N/mm²
Elongation	ASTM D 412	≥ 800%
Shore Hardness	ASTM D2240	40 ~ 60
Adhesion	ASTM C794	120 N
Movement Accommodation	ASTM C 719	29 %
Application Temperature		5 °C to 50 °C
Cure time		24 h
Service Temperature	ASTM C 711	- 40° C to 95°C
Chemical Resistant	ASTM D 543	Excellent
Stain and Colour Change	ASTM C510	No colour change /No Stain
UV Resistant		Highly Stable
VOC content	ASTM D2369	≤ 50 g/l

engineered to perform

Instruction for use
All surfaces must be sound , clean , dry and free of frost , oil and grease . Priming is not necessary for most substrates . Consult OBS Technical support for additional information .

Design Criteria – Expansion joints
Joints should be designed so that movement due to shrinkage and thermal change does not exceed the 29%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.

Application
Apply the SealFlex BR-96 in sufficient quantity to cover the required areas and completely seal the seam or crack being treated, extending the SealFlex BR-96 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-96 in to seams, cracks and alligatored areas. When sealing vertical seams on panels , the SealFlex BR-96 should be worked up into the seam with a brush. If required , add additional fasteners as necessary to minimize panel deflection. Apply thick bead of SealFlex BR-96 for detailing and waterproofing of rough opening (Inside corners , cracks , joints and seams) .Allow treated surfaces to skin prior to coating applications .

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 Pack

Storage
SealFlex BR-96 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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