

SeaIFLEX JFR

Jet Fuel Resistant Joint Sealant

SEALFLEX JFR Jet Fuel Resistant Joint Sealant is a cold applied two-part elastomeric joint sealant. Jet fuel resistant joint sealant has been specifically developed for sealing joints in concrete pavements where fuel and chemical spillages are likely, in particular airfield aprons, runways, taxiways, cargo handling areas, parking areas and gas stations. Its jet fuel and flame resistance makes it ideal for sealing joints where fuel, oil, hydraulic fluid spillage may occur, such as airport fueling locations, highway fuelling stations and ports. It can also be used for wastewater structures, industrial plants, pavements, roads and walkways.

FEATURES

- Resistant to jet blast and penetration from stones and other harmful materials
- Outstanding temperature range tolerance (-20 C to +70 C)
- No Primer required
- Elastomeric and high movement accommodation factor capability
- Meets SCAQMD Rule 1168 & LEED VOC Limits
- Formaldehyde free
- Cyclic movement capability
- Durable resilient seal
- Jet blast resistance
- Good weather resistance
- Water resistant
- U V resistant
- Excellent adhesion to most substrates
- High movement joints
- Pavement joints subject to fuel spillage
- Floors subject to chemical spillage
- Formulated for use in Middle east conditions (extreme weather)

APPLICATION FIELD

For sealing joints on airfield runways, parking aprons and other areas where joints may be subject to fuel spillage and jet blast.

PROPERTIES

Flashpoint	Non-Flammable
Movement Accommodation factor	25%
Color Black or Grey	
Application temperature	0°C to 60°C
Initial cure	4 hours at 25°C
Full cure	3 days at 25°C
Service Temperature	-40°C to 90°C



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INSTRUCTION TO USE

Sealflex JFR 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.

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)
5-10	as joint width
11 -20	15
21 -25	12 -17

Sealant depth must never exceed joint width.

Application

The SEALFLEX JFR Machine-Mix must be applied by a special plural component mechanical mixer which properly proportions the material. Mix according to the ratio indicated in the application properties section. When mixing can kits, mix Part A and Part B separately to ensure uniformity. Next thoroughly mix the entire contents of both parts of the kit together while taking care to avoid leaving unmixed areas around the sides or bottom of the mixing containers.

Maintenance

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

Packing

Available in 4 L and 2.5 L packs (Poring and Gun grade)

Storage:

SEALFLEX JFR 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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