SealFlex SS

GENERAL PURPOSE SILICONE SEALANT

SEALFLEX SS is a fast curing one part silicon sealant which cures with atmospheric, moisture to form a high strength rubber seal with excellent adhesion to glass, glazed surfaces, metals, most plastics, tiles, wood, concrete and other building materials. SEALFLEX SS has excellent physical properties which are designed to give outstanding durability and performance.

PHYSICAL & CHEMICAL RESISTANCE

Highly resistant to mold, mildew, water, extreme temperature changes and aging. Resistant to oil, grease and mildly resistant to diluted alkalies and acids

CAUTION

Crystalline silica, eye contact may cause irritation. Prolonged skin contact may cause irritation. No expected harmful effects from inhalation of vapours.

Warning: The product contain crystalline silica. Long term inhalation may cause long effect.

TYPICAL USES

- Glazing Applications
- Weather sealing of sheet cladding and custom walling
- General sealing and assembling
- Automobile and wind shield glass fixing
- Sealing air-conditioning systems
- Draught Proofing
- Sealing doors, window frames, skylights, port lights, black lights etc

APPLICATION

SEALFLEX SS applies to clean, dry, oil-free and sounded surface, by power extrusion or trowel uniformly a 2" wide coat over the joint @ 2 to 2.2 gallon/100 ft2. Total coverage 40-55 ft2/gal. Allow the completed joint to dry at least 24 hours above 25°C before pressure testing. High humidity (over 70%) and or cooler temperature may retard drying. Total WFT to be 30-35mils

CLEANING

Clean with warm water and soap when wet

Mineral spirits when dry

STORAGE AND SHELF LIFE

SHELF LIFE: Eight months from the month of manufacture, if stored below 25°C

Store under cover, protect from direct sunlight and high temperature (>30°C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage condition may result in premature deterioration of the product or packaging.

engineered to perform

PROPERTIES

Sl. No	Properties	Unit	Specification
1	Colour	-	Clear/white/black (colors as per bulk orders
2	Cure systems	-	Acotoxy
3	Specific gravity	-	0.9 + 0.10
4	Skin forming time	Minutes	9
5	Hardening speed, in 24 hours	Mm	>2
6	Tensile Strength	Kg/cm2	5-8
7	Elongation	%	>500
8	Hardness	Shore A	11
9	Service Temperature	°C	-50 to 150
10	Tack free time	Minutes	30
11	Viscosity flow	-	Non sag paste
12	Full Cure	-	1-5 days depending on bead thickness, humidity and temperature
13	Adhesion on Aluminium Glass Ceramic Mild Steel	-	 Excellent Excellent Excellent Excellent

PACKING
Std HDPE 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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