SealFLEX PU1000

ONE PART HIGH PERFORMANCE PU SEALANT

SEALFLEX PU1000 is a single pack, PU sealant which effectively seals all joins subject to structural movement as well as non-moving joints against ingress of water and dirt. It is a non-slumping high performance, 100% neutral cure sealant formulated with completely earth friendly system. It gives superior adhesion and durability in a wide range of glazing, weather sealing and trade applications. It has excellent resistance to weathering, UV radiations, vibration, moisture, ozone, temperature extremes, airborne pollutants, and many cleaning detergents and solvents. Well suited for a strong weather proof and joint seal on most common building materials such as aluminum, galvanized and zinc coated steel, painted surfaces, glass, brick and concrete. It is suitable for both indoor and outdoor applications.

USES

For sealing of vertical or horizontal concrete joints, precast concrete , curtain-wall panels, tilt-up panels, window glazing, metal setting . Also ,for all joint seal applications where a short curing period is required, such as expansion and contraction joints in shopping centers, sidewalks or any other traffic areas.

It will effectively prevent water from entering the sealed joints and thereby eliminate erosion of the soil underneath the slabs. Particularly areas which are in contact with water frequently, such as swimming pool decks and around planters must be protected. All coping joints and deck joints should be sealed. It's resistant to chemicals.

FEATURES

- Outstanding durability
- Neutral cure and Low oxime odor
- One part no mixing and Permanently flexible
- Excellent gun ability (-20°C to 50°C)
- Weather proof and Low shrinkage

SPECIFICATION

Construction	Thick paste , cure in to rubber like highly flexible
Color	White, Grey , Black , Clear and other RAL colours as per order
Specific Gravity	1.62
Solid content	100%
Elongation	1000%
Shore Hardness	60
Bleeding /Staining	Nil
Adhesion	Extreme
Setting time	One day
Movement accommodation	±28%
Bonding to the substrate	100%
UV resistant	Highly stable
VOC≤50g/L	

engineered to perform

SPECIAL FEATURES
Highly Chemical resistant, Oil resistant and very stable to Oxon.

INSTALLATION
Joint Design:
Joints are designed such that the movement does not exceed 30% of the joint width.

JOINT WIDTH	DEPTH OF THE SEALANT
6mm to 12mm	6mm
12.5mm to 25mm	Width/2
Above 25mm	12.5mm

Surface preparation:
All joints must be absolutely clean. For concrete, sand blasting is recommended. All curing compounds, grease, waterproofing compounds, etc. must be removed. Polyurethane rod or polyurethane foam is recommended as a joint-filler and backup material. Fillers treatment with bituminous products, grease or oil should not be used. Where present, they must be removed or separated by vinyl tape or polyethylene film.

Application: Apply by caulking gun. Sealant should be applied in a continuous operation using sufficient pressure to fill the joint and make complete contact to the joint sides. Tool the sealant slightly concave using solvent or dry-tooling techniques. Do not tool with soap or detergent and water solutions.

MAINTENANCE
If SEAL FLEX PU1000 is damaged, and the joint has not been contained, it can be repaired by cutting out that part and resealing it with SEAL FLEX PU1000.
PACKING SIZES:
600 ml single pack.

STORAGE
SEALFLEX PU1000 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.

engineered to perform

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