

SuperFlex PU700

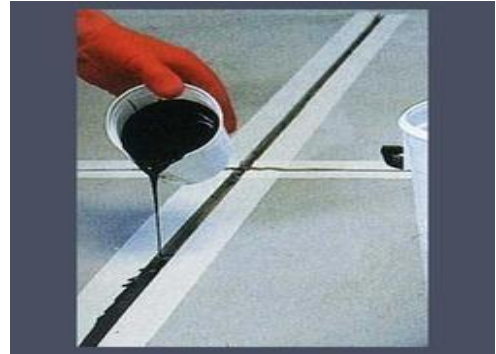
High performance polyurethane based, two component modified sealant

Product Description

SuperFlex PU700 is polyurethane based, two component coal tar modified sealant. Self-leveling, suitable for heavy traffic and has resistance to surface movement. Does not affect from sea water, jet fuels, hydraulic materials, oil.

Areas of Application

- Airport fields (running tracks) (Runway aprons and runways).
- Park, bus station, gas station, highways, petrol chemical and other industry facilities (their roads and concrete fields).
- Crack fillings at airports, highways, bridges.
- Joints in water retaining structures (including potable water).
- Structural floor joints.



Advantages

- Cold applied.
- Good chemical resistant to wide range of mild alkalis, diluted acid and solvents.
- Good adhesion to concrete, stone, metals and many other common building substrates.
- Suitable for all climate conditions, weathering and UV resistant.
- High movement accommodation factor.
- High service life.
- Fuel and oil resistant.
- Pourable and self-leveling.

Standards

- BS5212:1990, Type N, F and FB.
- US Federal Specification SS-S-200E as Type M sealant.

Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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Method of use

- The joint edges must be clean, dry and free from all contamination.
- Water affects the SuperFlex PU700, so joint edges must be dry and SuperFlex PU700 must protect from water unless the chemical hardness occurred.
- After cleaning, a backing rod of an appropriate size should be placed in the joint to the required depth.
- Care should be taken not to puncture the backing rod during installation as punctures in the backing rod might create bubbling

Mixing

SuperFlex PU700 is supplied in two components, Part A and Part B. to ensure proper mixing; a mechanically powered mixer should be used.

Priming

SuperFlex PU700 can be applied without primer application. But primers increase the resistance of the surface, so Ridge primer is highly recommended to use before SuperFlex PU700 application.

Chemical Resistant

Resistant to most alkalis and dilute acid; petrol, diesel or jet fuel and many solvents and vegetable oils.

Technical Data

Color	Black
Density	1.4gm/cm³
Working temperature	5 °C to 50 °C
Service temperature	-30 °C to +120 °C
Shore hardness : ASTM D 2240	15
Hardness Time	24 hours
Flexibility	600%
Maximum joint width	5 cm
Width : Depth ratio	2 : 1 butt joints 1 : 1 lap joints

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Equipment Cleaning

Wet sealant can be cleaned with ethyl acetate or other suitable solvents. Dry sealant only removed by mechanical applications.

Packaging

12 Kg (A + B Set)

Storage

Kept in sealed drum, storage temperature should be normal room temperature to ensure maximum shelf life (24 months). Packages should be storage upward.

Health & Safety

If it touches with skin, wash with water and soap. Do not use the empty packages for the storage of nutriment.

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