

ShaliGrout[®] PU

Polyurethane Based Water Reactive



STP Limited

Description

ShaliGrout[®] PU is low viscous liquid, which reacts with water in controlled manner to form a swelling resilient strong adhesives mass, appropriate to the designed task of sealing . When injected under pressure into leaking structures, a permanent flexible water barrier is formed through polymerization.

Characteristics

Appearance	Pale Yellow to Pale Brown	Specific Gravity	1.06 – 1.10
Coagulation Point, °C	< 0	Odour	Faint Characteristics
Viscosity, @ 25 °C, cps	500 - 1300	Flash Point	Non inflammable

Application

- Stopping leaks in structures.
- Stopping water oozing from ground, dams and banks.
- Leaks from large and small caliber sewer pipes, concrete crack and expansion joints.
- Leaks into building structures & tunnel.

Advantages

- Reacts even with sea water, mineral water, regardless of water temperature.
- Short gel time forms highly tough and resilient gel.
- Excellent adhesiveness to applied materials.
- Impregnates even smallest cracks and pores due to surface-active property and volume increase during reaction.

Application Methodology

- Drill holes at 45 °C angle to intersect the crack approx 4” below concrete surface. Drill holes alternately on opposite sides of the cracks allowing 8” distance.
- Inject **ShaliGrout[®] PU**.
- Remove excess **ShaliGrout[®] PU** from surface by using sharp knife when product has stopped foaming.
- Close drill holes with Shalimar Dam-it for fixing nozzle.

Cleaning & Maintenance

Clean tools and equipments with solvent such as Xylene, or MIBK.

Health & Safety

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 20 Kg container.

Storage

Store in cool dry place, under the shed, away from heat.

Shelf Life

12 months in original unopened sealed conditions.



STP's Businesses
Waterproofing & Insulation
Road Surfacing
Pipeline Coating
Protective / Anti-Corrosive
GARA (Grouts & Admixtures)
Sealant & Additives
Repairs & Rehabilitation
Epoxy Flooring

