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Zila plug



Grout Polyurea is a three-component mixture based on polyurea resin along with mineral reinforcements, which is an ideal coating for heavy engineering operations and installation of dynamic and static machinery with high compressive strength.

This article can be evaluated based on the following standards:

ASTM C307 ASTM C579 ASTM C580 ASTM C531 ASTM C882 ASTM C1181 BS 6319

Properties

- High stickiness to all kinds of materials, especially concrete, stone, and bricks
- Stable
- Capability to contiguity with drinking water
- Shrink and crack resistance
- Without chlorine ion
- Ease of performing



Operation

- Tunnels, dams and tanks
- Underground structure
- Manholes
- Pit of elevators and pools
- Pipes and tunnels

Dosage

According to the amount of leaking and weight of Zila Plug material, the consumption amount can be calculated.

Procedure

Open the concrete or stone seam in a V shape and clean the surface from any kind of loose materials. Mix Zila Plug powder with a little water to make a uniform and dry paste. Press it in a water leakage place for 15 to 20 seconds. Then the material must be sanded. After filling the joint and fixing the leak, level it with concrete or stone. In a place that has so much pressure, use a narrow pipe for drainage, after that fix the leak around it with Zila Plug. In the end, cut the pipe and seal the remaining place in the above method.

Attention

1. Mix the amount of Zila Plug powder with water that will be used in less than 30 seconds
2. Use gloves



Physical and chemical specification

Physical state	powder
color	Gray
weight	1-1/5 gr/cm ³
Acidity (PH) of 10% solution	5±1
Cl	No

Considerations

- Storage time → 12 months in original package
- Maintenance conditions → Closed container, away from moisture, freezing and direct sunlight
- The best storage temperature → +10 to +30 °c
- Packaging → 25 kg bag
- Minimum temperature during execution → 5 °c

Protection and safety

- This substance is not in the range of dangerous and harmful for health and the environment. However, it should not be swallowed or in contact with the eyes.
- Gloves, glasses and work clothes should be used during execution.
- In case of accidental contact with the skin or eyes, it should be washed immediately with plenty of water.
- If swallowed, refer a doctor immediately.
- Please refer to the safety data sheet (MSDS).
- This substance is not flammable.