

Shalimar Dam-it

Non-Shrink Fast Setting Hydraulic Cementitious Product



STP Limited

Description

Shalimar Dam-it is fast setting, hydraulic cement product formulated to stop leaks in concrete and masonry surfaces. It is particularly effective for stopping the flow of running water. **Shalimar Dam-it** is ready to use and requires only the addition of water before plugging and sealing cracks.

Characteristics

Physical Appearance	Cementitious grey powder	Compressive Strength, kg / cm ²	
		• 1 day	170
		• 7 days	280
Mixing ratio with water	0.18	• 28 days	320

Application

- Basement repairs
- Manhole repairs
- Concrete pipe and bell repairs
- Anchoring bolts and hand rail setting

Advantages

- Plugs wet cracks in concrete and masonry surfaces to seal out water.
- Stops water seepage at floor and wall junctions.
- Stops running water, reducing damage.
- Expands as it sets for a water tight repair.

Application Methodology

- Ensure that the concrete is clean and rough. Remove all oil, dirt, debris, paint and unsound concrete.
- Prepare surface mechanically by using a scabbler or wire brush.
- Use vacuum cleaner or pressure washing to ensure thorough cleaning and removal of all residue.
- **Shalimar Dam-it** does not require any special bonding procedures.
- Ensure the temperature ranges between 16°C - 32°C.
- Add **Shalimar Dam-it** in appropriate amount of water for the batch size
- Mix with a drill and "jiffy" mixer for about a minute.
- Place the mix immediately on the leaking concrete / masonry surface.
- In case of cracks, widen out and clean cracks to at least 15 mm x 15 mm deep, apply **Shalimar Dam-it** to plug the prepared crack with a pointing trowel and slick off the surface. Prepare a cove at the junction. If more time is desired when preparing the cove, mix the **Shalimar Dam-it** with ice water.
- In case of running water, Dam up running water. Prepare all cracks properly and, if possible, relieve excess hydrostatic pressure by drilling a relief hole or by chiseling out the crack at its very lowest point. Mix an adequate quantity of **Shalimar Dam-it**. After mixing, immediately place the plug of **Shalimar Dam-it** in your hand and hold it until it suddenly begins to get warm. This will take 2 - 3 minutes from the start of mixing. At this point, speed in working is essential. Force the Shalimar Dam-It plug into the hole or crack which is to be sealed off. Start filling cracks or holes at the top. To close the final opening and seal off a stream of water, make sure the **Shalimar Dam-it** plug is starting to warm up. At that moment force into the hole and exert pressure either with your hand or trowel for a full 5 minutes or longer to assure setting of the plug. In some cases where the water is extremely cool, it may be necessary to hold the plug in place for a little longer.

- In case of Bolt and Hand Rail Anchoring, use a star drill to make a hole approximately 1 - ½" (38 mm) larger than the anchor. Mix enough **Shalimar Dam-it** to fill the area and pour and tamp it into place around the anchor.
- Finish **Shalimar Dam-it** to the desired texture to match the surrounding concrete. Do not add additional water to the surface during the finishing operation. Use **ShaliCem EWP** as final waterproofing coating for additional protection against water seepage and to improve the appearance and uniformity of the repair area.
- **Shalimar Dam-it** requires no special curing procedures.

Cleaning & Maintenance

Clean tools and equipment with water before the material hardens.

Health & Safety

- Use goggles and hand gloves and mask during application.
- Clean hands with warm soap water after application.

Packaging

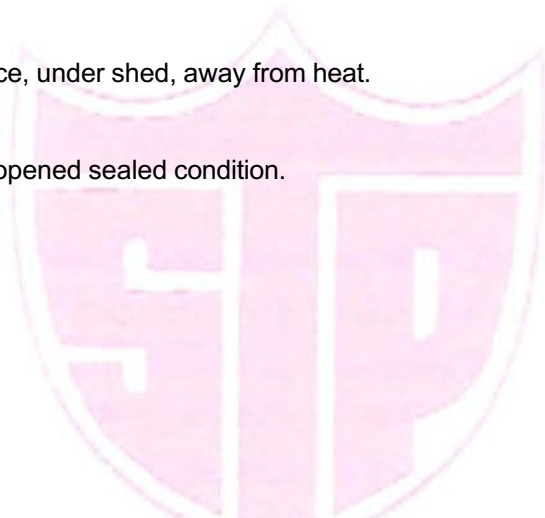
Available in 1 kg and 25 kg Pack.

Storage

Keep in cool and dry place, under shed, away from heat.

Shelf Life

12 months in original unopened sealed condition.



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

