

# Shalimar<sup>®</sup> Dam-it

Non-Shrink Rapid Setting Water-Stopping Mortar



STP Limited

## Description

**Shalimar<sup>®</sup> Dam-it** is a ready to use blend of dry powders which requires addition of clean water to produce highly consistent rapid setting cementitious, easy to apply mortar.

**Shalimar<sup>®</sup> Dam-it** is particularly effective for stopping the flow of running water and stop leaks in concrete and masonry surface.

## Characteristics

Physical Appearance	Cementitious grey powder	Compressive strength, Kg / Cm <sup>2</sup>	
Initial setting time, minute	5 - 6	• 1 day	170
Thickness, mm, minimum	15	• 7 day	280
Ambient temperature, °C	> 25	• 28 day	320
		Mixing ratio of water, L	0.18

## Application

For rapid temporary patching / plugging of concrete and brickwork in

- Sewage system.
- Plumbing system.
- Pipes and bell repairs.
- Tunnel lining.
- Underground access chambers / manhole repairs
- Basement repairs
- Anchoring bolts and hand rail setting

## Advantages

- Emergency water stopping capability
- Easy to use. Requires addition of clean water only at site.
- Excellent bond to substrate.
- 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.
- Contains no chloride admixture.

## Application Methodology

### ➤ Surface Preparation

- Clean the desired area of all oil, grease, dirt, debris, laitance, dust from the patch before application.

### ➤ Material preparation

- Add 1 kg of **Shalimar<sup>®</sup> Dam-it** into 180 ml of clean water.
- In case of ambient temperature is below 4 °C, use of lukewarm water is advisable to accelerate strength development.
- Since **Shalimar<sup>®</sup> Dam-it**, is rapid setting in nature, prepare adequate quantity of **Shalimar<sup>®</sup> Dam-it**.

### ➤ Application of Material

- Place the prepared mix immediately on the concrete / masonry surface, where leakage is happening.
- In case of plug running water, **Shalimar® Dam-it** should be used and held in place until the initial set is reached.

### Cleaning & Maintenance

Clean tools and equipment with water before the material hardens

### Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

### Packaging

Available in 1 kg pack.

### Storage

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

### Shelf Life

12 months in original unopened sealed condition.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



**Advisory Cell: +91 81302 81114**