

# STP No 1

Liquid / Powder Waterproofing And Plasticizing Admixture



STP Limited

## Description

**STP No 1** when used as an admixture forms an internal barrier against water penetration. It also increases the plasticity of mortar, reduces water absorption and thereby guards against freeze-thaw damage.

It is available in powdered form without chlorides or in a liquid formula which contains additives for additional densification of the mortar or concrete. **STP No 1** will not increase the air content of mortar or concrete. It complies with IS 2645.

## Characteristics

	STP No 1 (L)	STP No 1 (P)
Appearance	Liquid	Powder
Specific Gravity	1.00 – 1.05	0.70 – 0.80

## Application

- Used in mass concrete foundation walls, floors that must be water tight. water tanks, terrace slabs
- Used in mortar for setting masonry and blocks.

## Advantages

- Reduces moisture absorption as much as 60%
- Reduces vapor transmission through walls and slabs
- Reduces capillary action
- Provides greater workability

## Application Methodology

- Add STP No. 1 to concrete or mortar in the following proportions:

Liquid	100 to 200 ml per 50 kg bag of cement
Powder	1 kg per 50 kg bag of cement

## Coverage

- Liquid – 0.2 to 0.4% by weight of cement
- Powder – 2% by weight of cement

## Health & Safety

- Product should not come in contact with the skin and eyes, or be swallowed.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Seek medical advice if irritation persists.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. **Do not** induce vomiting.

## Packing

Available in 1 kg & 30 kg Powder and 200 ml, 1 L, 5 L, 20 L & 200 L liquid.

## Storage

Store in a cool 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

