

# FIBREX NO 1

(Liquid & Powder Waterproofing Plasticizing Admixture)

Product # 114.50

Version no: 16.11.23

Data  
Tech

**PRODUCT DESCRIPTION:** FIBREX NO.1 when used as an admixture forms an internal barrier against water penetration. FIBREX NO.1 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 and acceleration of the mortar or concrete. FIBREX NO.1 will not increase the air content of mortar or concrete.

## AREAS OF APPLICATION

FIBREX NO.1 is used in:

- Mass concrete
- Foundations
- Water retaining structures
- Tanks
- Basements
- Reservoirs
- Terrace slabs
- In mortar for masonry work, etc.

## ADVANTAGE

- Reduces moisture absorption as much as 60%.
- Reduces vapor transmission through walls and slabs.
- Improves workability of concrete and mortar.
- Ease in application – Makes mortar/concrete more homogeneous – less rebound during plaster.
- Easy to finish the mortar and concrete surface.
- Reduces water cement ratio - requires less water hence increases the durability of mortar/concrete.
- Makes the surface waterproof by blocking the continuous pore channels.

## APPLICATION

### MIXING

Add FIBREX NO.1 to concrete or mortar in the following proportions:

Liquid : 200 gms per 50 kg bag of cement

Powder : 500 gms per 50 kg bag of cement

### CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

## TECHNICAL SPECIFICATIONS

Appearance	
Powder	Off White to Brown Powder
Liquid	Dark Brown Liquid
Density	
Bulk Density(powder)	0.5 to 0.8 tapped, gm/ml
Density(liquid)	1.08±0.02 at 25°C

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## PACKAGING

Available in 5 kg can, 15kg can set, 20 kg bucket and 200 kg barrel.

## STORAGE

Store the material at temperatures between + 10° C and + 45° C in originally sealed packages, the material can be stored for 6 months. But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination.

## PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and busing, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

## DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

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## NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

## HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

## DISCLAIMER:

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## FIBREX OTHER PRODUCTS – WE DO

