

GODRY UNIPROOF

Integral Waterproofing Liquid Admixture
For Concrete And Mortar



Indicus

INDICUS GODRY UNIPROOF

UNIPROOF is an integral waterproofing liquid admixture that minimises the water-permeability and increases the waterproofing properties of concrete and sand-cement mortars. It also reduces the water-demand and improves the cohesiveness, workability, and durability of concrete and plaster mixes.

Standards Compliance

INDICUS GODRY UNIPROOF conforms to IS:2645-2003 and IS:9103-2000.

Areas of Application

INDICUS GODRY UNIPROOF can be used in basements, walls, roof slabs, beams, columns, plasters, screeds, floors, water tanks, sumps, drains, etc.

Features

- **Minimises Water Permeability:** Reduces the permeability of water in concrete and mortar.
- **Reduced Water Demand:** Reduces the water requirement in the mix design and makes the mix more cohesive.
- **Improves Workability:** Improves compaction of concrete and mortar.
- **Improves Concrete Quality:** Minimizes porosity and honeycombing, and produces denser concrete.
- **Reduced Shrinkage:** Reduces development of shrinkage cracks in concrete and mortar.
- **Corrosion Resistant:** No added chloride, hence does not attack rebars.
- **Compatibility:** Can be used with all types & grades of cements, except high alumina cement.

Cautions

- Mixes using UNIPROOF will require lesser water than normal mixes for the same workability. Therefore, water addition should be reduced up to 15% or more. The exact percentage should be determined at site after trials.
- Do not add UNIPROOF directly to dry cement and sand/aggregate.
- If UNIPROOF is added more than the recommend dosage, it may affect the cohesiveness, initial and final setting time of the concrete/mortar.



Dosage

Use 125 ml of UNIPROOF for every 50 kg bag of cement.

Application Procedure

1. Charge the cement and sand/aggregate to the mixer and mix the dry materials for two minutes.
2. Reduce approximately 15% water in the mix design to ensure no loss in strength.
3. Add 75% of mixing water to the mixer and mix for two minutes.
4. Add the measured quantity of UNIPROOF to the remaining water and stir it well.
5. Add the UNIPROOF-water mixture to the mixer and mix thoroughly to completion.
6. Once the application is complete, cure the concrete/mortar as per the standard practice of water curing.

Shelf Life & Storage

Shelf life is 24 months from the date of manufacturing, if stored in unopened original packaging. Store in cool & dry place, away from direct sun light.

Disclaimer: The product information and applications details given in this data sheet is meant to serve as a general guideline only. Users are advised to undertake a trial for product suitability prior to full-scale usage. There is no express or implied guaranty/warranty for the results. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.