



UNIPROOF

INTEGRAL WATERPROOFING LIQUID
ADMIXTURE FOR CONCRETE AND MORTAR

A QUALITY PRODUCT FROM  VNC

GODRY UNIPROOF

GODRY 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

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

Areas of Application

GODRY UNIPROOF can be used in basements, roof slabs & screeds, external plastering, bathroom 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 re-bars.
- **Compatibility:** Can be used with all types & grades of cements, except high alumina cement.

Dosage

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

Note

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.

Health and Safety Information

Though it contains non-toxic materials, enough care should be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or mouth, wash with plenty of clean water.

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.

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 GODRY 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.

Cautions

- Mixes using GODRY 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 GODRY UNIPROOF directly to dry cement and sand/aggregate.
- If GODRY UNIPROOF is added more than the recommend dosage, it may affect the cohesiveness, initial and final setting time of the concrete/mortar.

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing, if stored in unopened original packaging. Store in cool & dry place, away from direct sun light.

For more information, please visit www.godry.co.in.