

DRYFIKS™ 101**(INTEGRAL LIQUID WATERPROOFING COMPOUND FOR CONCRETE & PLASTER)****DESCRIPTION:**

DRYFIKS™ 101 is a specially designed liquid waterproofing compound made up of polymers, additives, and surface-active plasticizing agents. It is added to plasters, mortar, and cement concrete. It makes concrete cohesive and prevents segregation.

APPLICATION:

Waterproofing of concrete (RCC) and sand-cement mortars (Plaster) used in

- Roof slabs and screeds
- Water tanks
- Plasters (For exterior, bathroom walls, kitchen walls etc.)
- Bathrooms, Basements & Balconies
- Septic tank, Sewage-disposal tank, Sewerage etc.

CHARACTERISTICS / ADVANTAGES:

- Durability→ Improves concrete waterproofing by increasing durability.
- Impermeable → It reduces the porosity due to water into concrete.
- Workability→ Enhances the freshly mixed cement concrete's & Plaster's workability.
- Strength→ Improves setting time and compressive strength of the concrete.
- Shrinkage→ Reduces cracks due to shrinkage in plaster & concrete.
- Compatibility→ Being a liquid, it dissolves readily and works well with mortar and concrete mixtures.
- Corrosion protection→ Increases cohesiveness of concrete, which improves the corrosion resistance of steel.

METHOD OF APPLICATION:

- As suggested by the mix design, add cement & aggregates to concrete mixer & mix for 1-2 minutes when dry.
- Add 75-80% of the mixing water first, then stir for two to three minutes.
- The recommended dose of **DRYFIKS™ 101** is added to the remaining mixing and measuring water, then put to the concrete mixer and mixed for an additional 2 minutes.
- Apply plaster or pour concrete, as per requirement.
- Adopt ideal construction techniques to cure the concrete or mortar that has been placed.

RESTRICTIONS & CAUTION:

1. DRYFIKS™ 101 should not be added straight to a dry cement and aggregate mixture.
2. Keep the ratio of cement to water as low as you can.
3. The recommended dosage of DRYFIKS™ 101 should not be exceeded.

PROPERTIES:

Appearance	: Free flowing liquid
Color	: Wine Red
Specific Gravity	: 1.06±0.02
Non-volatile content	: 14.0±1.0
pH value	: 11.0-14.0

DOSAGE: 200 milliliters per 50-kilogram cement bag.

PACKAGING: 1kg, 5kg, 20kg & 50kg.

STORAGE: DRYFIKS™ 101 have a shelf life of 24 months under packed & controlled storage warehouse condition.