

### DRYFIKS™

(ACRYLIC BASED MULTIPURPOSE UV RESISTANT POLYMER FOR REPAIR AND WATERPROOFING)

#### **DESCRIPTION:**

DRYFIKS™ is a multifunctional polymer emulsion for improving the properties of waterproofing system, concrete mix, mortar mix & Grouts filling etc. It provides an excellent adhesion, water resistance and improvement in surface strength. It is widely used in concrete floors, columns, beams, rampart wall, sunk slabs and bathrooms and toilets, small terraces etc. as its bond with old and new surface and plaster is strong. It is used to repair & waterproofing the surfaces. It reduces shrinkage, prevents cracking, absorbs dust and increases wear resistance.

#### **APPLICATION:**

Concrete repairs – rampart wall, Spalling concrete, columns & beams etc.

Waterproofing – Small roof terraces, sunken slab of toilets & bathrooms, eaves & lift pits, balconies.

Bond coat – For bonding of new concrete to old concrete, masonry stone work, plastering.

Stone wall cladding – Fixing or re-fixing of slip bricks, tiles, stones & marble bedding.

External rendering – Weatherproof & frost resistant render.

Bonding slurry coat- for pinhole treatment on concrete surface.

#### **CHARACTERISTICS / ADVANTAGES:**

- Waterborne, non-toxic, non-flammable, weather/UV stable.
- Versatile & economical product, easy to use.
- Improve flexural strength & hence improve cracking performance.
- Prevent dust generation from plaster & waterproofing surface & improve abrasion resistance.
- Reduce shrinkage cracks.
- Bond strongly with masonry, concrete, plaster stones etc.
- Elevate the capability to resist water impregnation.

#### **Surface Preparation:**

1. Clean the area with a metal brush or brush to remove hidden dirt, loose particles, scale and dust. Degrease the surface using a suitable solvent.
2. Surface should be thoroughly saturated with water. Remove any excess of water before use.

#### **Wetting/Slurry Coat:**

- Before application, slurry coat should be done for better adhesion & impregnation.
- Prepare mix of DRYFIKS™: Water: Portland Cement- 1: 2: 3 & mix properly.
- Apply using brush or roller depending on the surface condition. Ensure complete wetting/impregnation of mix.

Coverage approx. 15-17m<sup>2</sup> per kg of DRYFIKS™.

**Final Application:**

- After drying of wetting/slurry coat before final application to be done.
- Prepare mix of DRYFIKS™: Portland Cement-1:2 ratio & mix properly to get uniform & consistent slurry.
- Apply two layer of final application mix with interval of 5-6 hrs.

Coverage approx. 2.5m<sup>2</sup> per kg of DRYFIKS™. (For two layer)

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

**STORAGE:** DRYFIKS™ have a shelf life of 18 months under packed & controlled storage warehouse condition.

**Notes:**

1. Mixing should be done with low-speed stirrer or with mixing peddle. Do not mix more than 2 minutes. (Stir occasionally until complete mix is applied).
2. Mix ratio & coverage consumption may vary depending on the surface condition & application thickness.
3. Store in covered warehouse under normal temperature.
4. Application method may change depending on the type of repair & substrate condition.