



## DESCRIPTION

Techoxy-3 is a two component epoxy resin based waterproofing compound. One part is consisting of epoxy resin and the other part with curing agent. After mixing both the parts it can be thinned down with water. It possesses all the attributes of normal solvent based epoxy compositions such as excellent water and chemical resistance, adhesion, hardness, toughness and mechanical strength. One of the major advantage of Techoxy-3 over solvent based epoxy is that it can be applied on damp surface also. Being free from solvents, it does not pose any health hazard to the applicator. Techoxy-3 is completely, consentient & economical to apply.

## FEATURES / ADVANTAGES

- Water dilutable
- Being water based it penetrates in concrete/plaster surface seals the porosity and network of fine cracks.
- Reduces water permeability.
- After curing it forms hard, tough and strong film.
- Bonds strongly on cement concrete/mortar, plaster, asbestos sheet etc. surface.
- Excellent resistance to water, salt water, dilute acids, alkalies, soap water, and other chemicals.
- Excellent resistance to positive (hydrostatic) water pressure.

## APPLICATION

- Cement-concrete water storage tanks.
- Damp walls (interior / Exterior )
- As a primer before painting (interior / Exterior )
- As an undercoat before applying Techoat 61-p & Tar-o-Thane on roof terrace and internal walls.
- Toilet and kitchen walls.
- Coating on walls of breweries & food processing industries.
- As a primer before application of Techsterile-sterile coating in food & drug industries.
- As a putty with OPC-white cement to fill the fine cracks of external walls
- Hatcheries & Aqua farms.

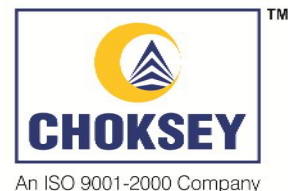
## TECHNICAL INFORMATION

### CHARACTERISTICS

- |                            |  |
|----------------------------|--|
| • Nature                   | : Two component  |
| • Mixing Ratio             | : Part 1 : Part 2 : Water<br>1 : 1 : 1 parts by weight |
| • Consistency after mixing | : Free flowing smooth paste                            |

## ■ **TECHOXY-3**

### WATER THINNABLE EPOXY COATING



- Application time : 1 to 1 ½ hrs.
- ( Pot life ) at 30°C
- Drying time at 30°C : 5 to 6 hrs.
  - Surface dry : 50 to 60 min.
  - Hard dry : 16 to 18 hrs.
- Intercoat period at 30°C : 16 to 18 hrs.
- Curing time at 30°C : 24 hrs.
- Application time for : not more than 24 hrs.  
Techoat 61-p (Polyurethane coating )  
at 30°C

## **DIRECTION FOR USE**

Surface preparation first the most important step before application to get result and to avoid failure. The substrate must be clean and free of dirt, paint, oil, grease, sludge, blistered & loose plaster, fungus & moss etc. thorough wire brushing followed by sanding with emery paper is recommended. Remove the dust by compressed air or paint brush or wiping with water soaked cloth.

## **PRECAUTIONS**

All previous coating to be completely removed before application of Techoxy-3. When used on exterior surface must be over coated by weather durable coatings. Avoid application before 10°C surface temperature. At low temperature, drying and curing period will be prolonged. Before mixing both the parts mix them in individual containers.

## **PACKING**

0.5 kg. 1 kg. 2 kg.