



## Technical Data Sheet

### THERMACOOL WP 51

#### Product Description

Thermacool WP 51 is a single component *High Solids* emulsion which is NANO enhanced, Waterborne, Eco-friendly, User-friendly having multiple Waterproofing applications. It is very well compatible with Cement.

#### Technical Data

Composition	:	Nano enhanced high solids emulsion polymer
Compatibility with Cement	:	Excellent
% Solids	:	50 ±2% min.
Density	:	1 to 1.13
Appearance	:	Milky white liquid, compatible with cement
Shelf life	:	6 months from the date of mfg.
pH	:	5.5 to 6.8

#### Direction for Usage

- Suction Reducing Coat or Porosity reducing coat: 1 part WP 51 and 2 parts water.
- Waterproofing or Damp-proofing or Primer Coat (one coat before painting of inner or outer walls) or Pore sealing Coat or Slurry Coat for Reinforcement or Dust-proof Coat: 1 part WP 51 and 0.5 to 2 parts cement depending on requirement. Application by brush. Minimum 2 coats required.
- Grout: 6 Liters WP 51, 20 Liters water and 50kg cement.
- Elastomeric Cracks filing compound or Floor and Tile adhesive compound or Sealing compound: Mix WP 51 and cement till required consistency is obtained. Even this formulation has very good flexibility and impact strength.
- Wherever white cement is used mixed with water, if water is replaced with WP 51, the performance will be excellent. (The system will not crack or de-bond over long period of time).



## Features and Benefits

- Highly improved durability. UV resistant.
- Water impermeable. Even stagnant water will not penetrate.
- Crack resistant Crack Filling.
- Chloride resistant.
- High Tensile strength.
- Elastomeric-Increased Flexural strength along with impact and tensile strengths.
- High Adhesive Strength when mixed with cement.
- High Impact strength even when mixed with cement.
- Used as a polymer for excellent micro concrete.
- Improved Alkali Resistance.
- Can be used is IPS (flooring).
- Multiple applications as Construction Chemical.

## Package Size

- Thermacool WP 51 – 20 litres, packed in sealed plastic buckets

## Health Safety and Environment (HSE)

- Product to be stored in ambient temperature and direct heat.
- Wear appropriate Personal Protective Equipment
- Application should be done under well ventilation conditions
- Disposal of empty paint drums to be done as per the local government regulations

*Disclaimer: The information provided herein is true and accurate to the best of our knowledge. Factors such as substrate condition, environmental condition, applicators, actual method used for application and similar factors affecting the performance of the product is beyond our control and hence we do not accept any responsibility or liability arising owing to improper use of this product. Any change in the product is usually followed by issuance of a new technical data sheet, the same shall be provided to the consumer of this product upon request.*