

## Sunkoll 2- Compound

Two component acrylic polymer modified elastomeric waterproofing membrane coating for concrete and masonry surface.

### Description

- 2 – Compound provide a monolithic, water proof coating suitable for use in water tanks, reservoirs, swimming pools, roofs, lift pits ensuring water tightness.
- 2 – Compound effectively protects against concrete decay and provides a long lasting barrier to waterborne and atmospheric corrosive salts and gases.
- 2 – Compound is formulated to repair and even out undulations in concrete and masonry surfaces.
- 2 – Compound is seals concrete masonry walls and bridges the shrinkage cracks which are static.

### Benefits

- Easy surface preparation and thereby lowers labour costs.
- Brush applied directly to the damp concrete and masonry.
- Excellent adhesion – Bonds to porous and nonporous surfaces.
- Non-toxic-safe for potable water tanks.



2 – Compound provides a strong, flexible and durable coating which can not be easily damaged or worn away.

- Breathable – allows escape of water vapour from interior of building.
- Excellent for concrete roof, leaking brick and masonry walls.
- Effectively prevents carbonation and chloride ion diffusion and is UV resistant.

## Properties

- Pot life at 20° C : 0.5 hour
- at 35° C : 20 min
- Mixed Density consistency) : 90kg / ltr. (brushable)
- Tensile strength (ASTMD 638) : 2 N/mm<sup>2</sup> (at 1.5 mm thickness)
- Colours : Grey
- Application temperature : Not Less than 10° C
- Toxicity : Non-toxic
- Adhesion to concrete : >1N / mm<sup>2</sup>

2 – Compound provides an elastomeric protective waterproof coating and is seen to resist positive hydrostatic pressure up to 7 meter head. The degree of resistance of 2 – Compound to water under pressure depends on the thickness of the coating. Areas subjected to moderate and heavy loads / hydrostatic pressure. Minimum 2 mm thickness coating is recommended with screed above.

## Application Instruction

Preparation : All the surfaces where 2 – Compound is to apply, must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply porous concrete should be removed up to sound concrete and repaired with polymer modified mortar.

Mixing : The acrylic polymer liquid is poured into a clean plastic or metal basin. Then mix with a slow speed drill (350-450 rpm) and add powder. The powder component is added gradually to the liquid avoiding lump formation and mixed for 2-4 minutes. Mix and

use. More material should not be mixed than can be used within pot life. Over dilution with water should not be done. Keep on stirring during application.

- Mixing Ratio : 2 – Compound two components pack powder- 2 kg  
Acrylic polymer liquid – 1 Ltr.
- Packaging : 2 – Compound powder is supplied 3 kg and 15 kg pack.
- Coverage : This depends on the required consistency.  
The approximate coverage per pack at even  
Consistency (1 m.m. thickness) is as follows:  
Coverage in sq.mtr. (3 kg + 1 ltr. Pack) 2.0 to 3 sq.mtr  
Allowances should be made for any possible wastage  
When Estimating.
- Storage : 2 – Compound has a shelf life of 18 months in  
Unopened Packs, if kept in a dry store. In high  
Humidity locations, the Shelf life may be reduced to 6  
Months. Prevent the liquid component from freezing.