

## UC1- Internal

## TECHNICAL

## SPECIFICATION

### Internal Antibacterial Paint

#### Product Description:

UC1 INTERNAL is *Earthy toned Colored Paint*. Made from very fine advanced natural chemical, eco-friendly, anti-bacterial and non-flammable compound composed of ceramic, marble, Aluminum Oxide and other components to be mixed with water based silicon and clean water.

UC1 INTERNAL is Antibacterial Paint. It Prevents the Growth and the flourish of the Bacteria on the Painted surfaces.

#### Standard Application UC1-Internal:

UC1 INTERNAL is used for painting all kinds of internal walls for buildings, Educational Centers, Sports Facilities, Hospitals, Operation theatres, Food Stores, Factories, Refrigerated Food Stores, ... etc.

#### Mixing Method UC1-Internal:

1. Inside the pail there are two packages: Powder and Liquid Silicon ones.
2. Pour 6 liters of clean water (till the filling mark inside the pail).
  - a. *Note: 10% more of the water quantity can be added to the mixture during Hot weather (35° and above)*
3. The Powder component should be added gradually and mixed

thoroughly for 2 minutes by using electrical mixer.

4. Add the whole quantity of the Liquid Silicon to the mixture and mix thoroughly for 7 to minutes using electrical mixer.
5. The mixture should be left to rest for 10 minutes after mixing and before the application.



#### Area Preparation Method:

- The Surface of the walls must be scrubbed then cleaned by water pressure to remove any impurities and dust.
- Scrub and clean entirely any bitumen, Fungus, oil, paint, algae, cement or rust if found on the surface.
- Any structural cracks found in the walls for any reasons must be treated prior applying UC1-Internal.
- Sand and clean any plastered putty before applying UC1-Internal paint.
- In case the walls are UC9 Soundproof plastered, they must be sanded then UC1-Internal can be applied directly.
- The surface must be made moist before starting UC1-Internal paint job.

### UC1 INTERNAL General Information:

- The Thickness of each paint layer should not exceed 150 micron to avoid cracks due to more thick paint layers.
- Protect the Painted Surfaces from water for a period of 12 hours (depending on the surrounding temperature) for UC1-Internal to get hardened and adhere to the paint surface.
- UC1-Internal will get its maximum hardness levels within 5 days of the paint job in a moderate temperature area.
- It is restricted to add any other component to UC1-Internal mixture rather than the recommended required water quantities.
- UC1-internal mixture must be applied within a maximum period of 120 minutes otherwise it will get hardened.
- One pail of UC1-Internal can be applied for at least 60m<sup>2</sup> (made of 3 layers) on fair surface.  
**Total thickness is 450 micron for all 3 layers .**
- Each next layer of UC1-Internal paint should be applied within 1 hour from finishing the previous one.
- UC1-Internal can be painted using paint rollers or by Air-Brushing for the concrete surfaces.

### Notes:

- When using the paint rollers to apply UC1-Internal on the concrete surfaces, the first layer will consume a doubled quantity than second and the third layers and the Pail will cover a least 60m<sup>2</sup> of the area.
- The UC1-Internal mixture must not be painted if the temperature is less than 3° or higher than 47°.
- UC1-Internal is suitable for all Climates (Tropical, Subtropical, Mediterranean and Desert,...)
- The Gross Weight of each UC1-Internal pail is 20kg. (made of 1 pack 5kg of silicon and another pack of 14.5kg of the powder Compound)
- UC1-Internal should be stored in a dry place away from direct sunlight and away from children.
- UC1-Internal is Eco-Friendly, Antibacterial, Non-Flammable, **Odorless** and Not Harmful. If stuck to the hands, it can be cleaned by Alcohol.

