



# UC7 TECHNICAL SPECIFICATION

## TRANSPARENT WATERPROOF EPOXY

### UC7 Product Description:

- UC7 is a Transparent, semi-glossy Epoxy Paint.
- UC7 is Water Sealer, Waterproof and Anti-Slippery.
- UC7 is Eco-friendly, Antibacterial & Non-flammable. Composed of Water-based Silicon and other components.
- UC7 is Water Repellant, using Nano-Physical action.

### UC7 Standard Application:

- UC7 is used as a final coat for UC3 Industrial epoxy painted floors, car parks, Sports Yards, Etc.
- UC7 is used for Waterproofing, Sealer and Water Repellant for Stone Cladded Facades (Natural and Artificial) and Floor tiling (Natural and artificial) as well as Sealer for stamped concrete and for the Painted Facades.
- UC7 may be used to repair capillary cracks and leaking pores where it penetrates and fills inside of it.
- UC7 may be used for other relevant jobs.

### UC7 Mixing Method:

Mix using Electrical Mixing Machine for 5 Minutes

1. Add 30% of Clean Water (6 Liters for 20 Kg) we used for Natural Stone cladded Facades, floor tiles and Painted Facades.
2. Add 10% of Clean Water (2 Liters for 20 Kg) when used for Artificial Stone Cladded Facades and tiles or for the Capillary Cracked Facades and opened Pores.
3. Don't add any quantity of water if used as the final coat for Epoxy painted Floors, parks and sport yards.





## Surface preparation Method:

- The Surface must be cleaned by Water pressure and or Air 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 (due to structural movement or weakness) in concrete should be treated prior applying UC7.

## UC7 General Information:

- **UC7 must be applied on 2 Layers**
- The Thickness of each layer should not exceed 150 micron to avoid cracking.
- Each next layer of UC7 paint should be applied within 1 hour from finishing the previous one.
- Protect the painted surfaces from water for a period of 12 to 24 hours (depending on the surrounding temperature) for UC7 to get hardened and adhere to the paint surface.
- UC7 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 UC7 mixture rather than the recommended required water quantities.
- It is restricted to apply UC7 paint to un-cured concrete.
- One pail of UC7 can be applied for at least 75m<sup>2</sup> (made of 2 layers) on concrete fair surface.
- UC7 can be painted using paint rollers or by Air-Brushing. **While it is recommended to be Air-Brushed.**

## Notes:

- When using the paint rollers to apply UC7, the first layer will consume a doubled quantity than the second layer and the Pail will cover at least 75m<sup>2</sup> of the area.
- The UC7 mixture must not be painted if the temperature is less than 3° or higher than 47°.
- UC7 is suitable for all Climates (Tropical, Subtropical, Mediterranean and Desert,...)
- UC7 is resistant to UV and Sun light rays.
- The Gross Weight of each UC7 pail is 20kg.
- UC7 should be stored in a dry area away from direct sunlight and away from children.
- UC7 is Eco-Friendly, Antibacterial, Non-Flammable, **Odorless** and Not Harmful. (If stuck to the hands, it can be cleaned by Alcohol).

