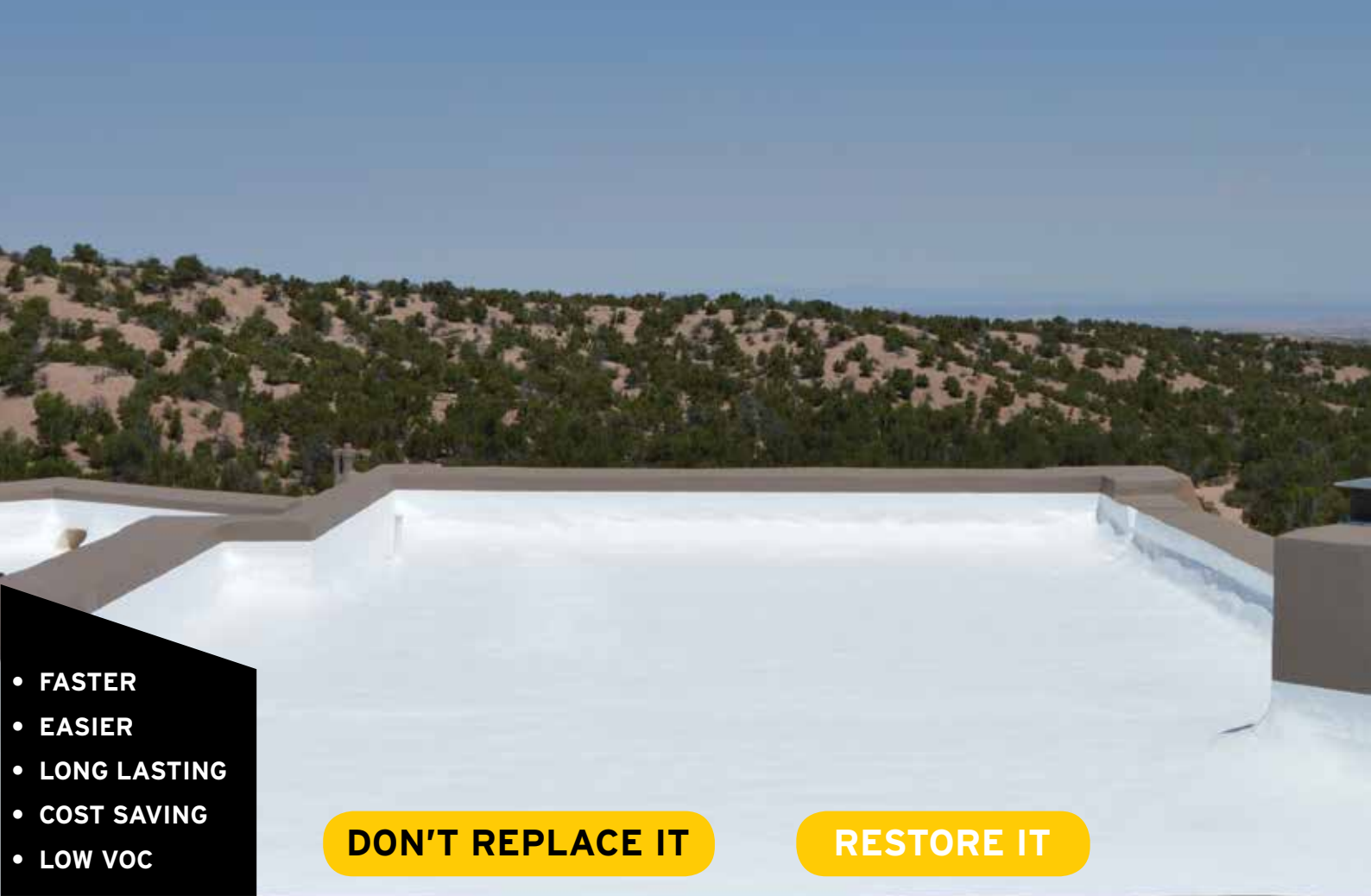


# Dr. Fixit Roofseal Ultra

NEXT GENERATION POLYURETHANE DISPERSANT  
BASED WATERPROOFING COATING



- FASTER
- EASIER
- LONG LASTING
- COST SAVING
- LOW VOC

**DON'T REPLACE IT**

**RESTORE IT**

**REFURBISH . REFRESH . RENEW . REPAIR**

## Roof Repairs

### Leakages in Roofs & Terraces?

Flat roofs are known as being problematic, with many suffering leaks. There is a reason that conventional methods of waterproofing don't work in the Indian heat. Our summers are super-hot. It is also known that thermal expansion and contraction will cause cracks in the concrete and also in materials like Brickbat Coba, and Cement mortar screed.



### How long do conventional system of waterproofing last?

Terrace is always exposed to climatic changes, this continuous exposure can result in wear and tear of the roof that results in damage, causing leakage. The conventional system for waterproofing flat roofs usually only last 7 to 10 years. These conventional systems of waterproofing are inelastic and thus, they are bound to get cracks in them over a period of time. In addition, breaking of the old layer of waterproofing to repair it also weakens the slab.



## Solution - Waterproof, Polyurethane Hybrid coating for large roofs span

Dr. Fixit HydroShield PUD Plus is ready-to-use liquid applied Elastomeric roof coating based on a hybrid polyurethane technology for large Roof & Terraces without needing to break it. Offering great durability in ponding water (compared to common acrylic coatings), excellent resistance under sun exposure and waterproofing under difficult weather conditions and temperatures for many years.

### Where to Use

- Protection against UV rays and heat for existing waterproof systems with large roof spans.
- Protecting and waterproofing of cementitious screeds, Brick Bat Coba and China mosaic as top coat application.

### Features & Benefits

- **Raising the roof** coating standards) - Coating meet or exceed all properties specified in ASTM D6083 - 97a standard specification for liquid applied coating
- **High build** - ready-to-use waterproofing coating prove to be advantageous where a lasting protection is required for buildings subjected to stresses

- **Elongation** - over 300% provide a permanently flexible, weather-resistant topcoat it forms seamless membrane with 3 mm crack bridging ability.
- **High Solar Reflectance** - and thermal index (SRI) of 105, resistant to all atmospheric conditions and UV rays, and guarantees long-lasting protection for the substrate.
- **Cost saving** - excellent rheology formulation makes it fast and easy to apply by roller, brush therefore fast turn-around, reduced labour, much more brush life & no wastage.
- **Outperforms** - other industry Acrylic & bitumen coatings.
- **Environmentally friendly** - low VOCs with Green Label Certification from Singapore & GRIHA\Mark Award

**Packaging** 20 Litres (Colour: White)

### Theoretical Coverage

2 heavy coats required to achieve DFT 850 to 1000 microns at the rate 1.40 /litre/ Sq.mt in 2 coats.

\*Coverage may vary depending upon the nature and texture of the substrate.



### Application procedure

#### Surface preparation

Remove all moss, fungi and algae by mechanical abrasion and wash with soapy water and allow the substrate to dry. Ensure that the roof slope of a minimum of 1 in 100 is already provided. Substrate must be must be sound. Hairline cracks up to 5 mm width should be "undercut" for ease of application, and filled with flexible crack filling compound / Dr. Fixit Cracks-X paste. Any loose part must be removed. Repair and level the the areas of ponding water. Any hollow present in the substrate must be repaired with polymer mortar prepared with cement, sand and Dr. Fixit Pidicrete URP dosage @ 10% by weight of cement duly mixed with required water, allow the mortar to cure with clean water/moist cure as usual.



## Step by Step



Remove all oil, grease, dust, loose particles and other foreign material. Surface must then be thoroughly washed off with clean water. Substrate MUST be in SSD condition for application of primer.



To ensure proper adhesion surface should prime with a single coat of Dr. Fixit Primeseal dilute with water in the ratio 2:1 and apply @ the rate of 8-10 Sq.m/L.



Apply 1<sup>st</sup> coat of Dr. Fixit HydroShield PUD plus without dilution spreading at the rate 0.70/litre/Sq.mt/Coat. Lay a 45 GSM Fiber glass mesh as a reinforcing material which is incorporated in the coating when the first coat is still in wet condition.



Apply second coat of Dr. Fixit HydroShield PUD Plus without dilution spreading at the rate 0.70/litre/ Sq.mt/ Coat to achieve total dry film thickness of 850 to 1000 microns at forced coverage at the rate of 1.40 /litre/ Sq.mt in 2 coats. Ensure there are no pinholes or air bubbles on the membrane.



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