

## DURALAC Epoxy Top Coat 1153 Series

### **Description:**

**DURALAC Epoxy Top Coat 1153 Series** is a high quality pigmented two-component concrete Top Coat based on epoxy resins and polyamides hardeners, designed for application where a low build epoxy is needed to hide mortar imperfection while providing a durable wear surface. This product has outstanding wear resistance and superb chemical resistance.

### **Area of Use:**

**DURALAC Epoxy Top Coat 1153 Series** is used as a top coating for parking decks, industrial floors, food industry floors, etc...

### **Technical Data:**

|                                                      |                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Specific Gravity : 1,45 ± 0,02                       | Mixing Ratio by Vol. : 4 Part (base A-Resins) to 1 Part (base B-Activator) (Pre-measured) |
| Viscosity : 90 KU                                    | Induction Time : ≥ 30 min                                                                 |
| Solid by volume : 65 ± 1%                            | Pot Life : 3 hours @ 25 °C                                                                |
| Finish : SemiGloss, >40 units@60°                    | Mode of application : Roller; Brush; Squeegee&airless spray                               |
| Color : As per specified color card                  | Thinning : 5-15% upon need with <b>X279 Thinner</b> .                                     |
| Coverage : 10,5m <sup>2</sup> /liter@50 microns dft. | Cleaning of tools : <b>X 275 Tools Cleaner</b> .                                          |
| Flash Point : ≥ 25 °C                                | Water Resistance : Very Good.                                                             |
| Dry to touch : 50-70 min @ 25 °C                     | Scrub Resistance : High.                                                                  |
| Dry to Recoat : 5-7 hours @ 25 °C                    | Chemical Resistance : Excellent.                                                          |
| Full Curing : 7 days @ 25 °C                         | Solvent Resistance : Excellent.                                                           |
| Storage : 2 years from production date               |                                                                                           |

### **Surfaces Preparation:**

The substrate to be painted should be suitably dry, clean, free from loose material, dust, grease, oil and any other contamination. Treat any areas affected by mould, lichens, algae and moss with fungicidal solution. Confirm that the correct surface preparation and pre-treatment is carried out.

### **New Surfaces:**

Clean the surface from laitance, dust, dirt and loose particles. Then apply one coat of **DURALAC Epoxy Top Coat 1153 Series**.

### **Repaintings:**

For previously epoxy coated surfaces, grind with mechanical fine graded sand paper, wash with etching solution, rinse thoroughly with water to remove all residues. Allow to dry well, then use one coat as a patching paint of **DURALAC Epoxy Top Coat 1153 Series** on defected areas, or one full coat for the complete area.

### **System Information:**

Stir thoroughly before use. Add all the hardener to the resin in a ratio of 1 part (hardener 1153-1) to 4 part (resin 1153) and mix for 2-3 minutes.

Standard packages are in pre-measured kits and should be mixed as supplied. We recommend that the kits not be broken down unless suitable weighing equipment is available.

Allow mixed material to sweat-in for 30 minutes before starting application.

Before top coating, make sure the previous coat has tacked off.

### **Painting Information:**

|                                                                                          |                       |
|------------------------------------------------------------------------------------------|-----------------------|
| DURALAC Epoxy Concrete Primer Sealer (1010) / DURALAC Epoxy Zinc Phosphate primer (1120) | 1 coat (Primer)       |
| DURALAC Epoxy Top Coat 1153 Series                                                       | 2 coats (Finish Coat) |

### **Packing:**

Available in USG, Component A (Resins+Component B (Hardner).  
(5 USG) Pail, Component A (Resins) = 4 USG to Component B (Hardner) = 1 USG.

### **General Information:**

- Do not apply when the air or substrate temperatures are likely to fall below 10 °C or when the relative humidity is above 80% during application or the drying period.
- Substrate to be treated must not exceed 5% by weight moisture content.
- Under normal conditions this product will remain usable for up to two years if stored correctly and unopened.
- Store in a cool, dry and ventilated place. Keep container closed when not in use.
- All cited parameters must be considered as guidelines only.

### **Health and Safety:**

- When preparing or painting all surfaces avoid the inhalation of dust and paint mist.
- Ensure good ventilation and use mask and safety gloves while applying.
- Avoid skin contact, spoiled skin should immediately be washed.
- In case of eye contact, flush with plenty of water and consult a doctor.
- If accidentally swallowed seek medical attention immediately.
- Smoking, eating and drinking must be prohibited in the application area.
- Keep away from food, children and animals.
- Do not empty into sewer, watercourses or access routes to septic tanks.

**For more information on safety hazards and precautions, please refer to the product MSDS.**

The line manufacturing process is batch checked, ensuring traceability in the event of any incident. The quality system employed includes the actual design of every item and the controls in its fabrication, both of the raw materials used to ensure uniformity of manufacture and the end product obtained.

### **Disclaimer:**

For proper use and correct application of the product, a prior reading of the technical features is indispensable. The data provided in this technical specifications was obtained to the best of our knowledge under normal laboratory conditions and on standardised bases, and may vary depending on the working conditions. The working conditions of the users are at all times beyond our control, we cannot guarantee anything but the quality of the product itself. The product must not be used for purpose other than those specified.

We have a technical-commercial team at your disposal to help you with any queries.

Due to standards and specification evolution, the company reserves the right to change the given data without prior notification.

**Universal Paints Manufacturing Co. Ltd.** Industrial City, Phase 03, Kingdom of Saudi Arabia  
Tel: +966 2 2686999 Fax: +966 2 6389680 Po.Box: 16945, Jeddah: 21474

