

## DURALAC 2K Polyurethane Primer 1530

### **Description:**

**DURALAC 2K Polyurethane Primer 1530 Series** is a high quality two-component based on polyacrylate resins and aliphatic polyisocyanate hardeners, designed to provide good water, detergent and chemical resistance, as well as good weatherability. It has excellent flexibility, stain, chemical and abrasion resistance. Thermal stability is maintained up to 150 °C.

### **Area of Use:**

**DURALAC 2K Polyurethane Primer 1530 Series** is used as a primer coating for application to commercial transportation, farm machinery, oilfield drilling and service equipment, industrial & process equipment, exteriors of storage tanks and structural steel. It is also used as a chemical resistant, wood and MDF application.

### **Technical Data:**

Specific Gravity	: 1,60 ± 0,02	Mixing Ratio by Vol.	: 2 Part (base A-Resins) to 1 Part (base B-Activator) (Pre-measured)
Viscosity	: 100 KU	Induction Time	: 15 - 20 min
Solid by volume	: 80 ± 1%	Pot Life	: 3 hours @ 25 °C
Finish	: Matt >10 units @ 80°	Mode of application	: Roller; Brush; Squeegee & airless spray
Color	: As per specified color card	Thinning	: 5-10% upon need with <b>X299 Thinner</b> .
Coverage	: 21,2m <sup>2</sup> /liter@25 microns dft.	Cleaning of tools	: <b>X 300 Thinner</b> .
Flash Point	: ≥ 15 °C	Salt water Resistance	: Excellent.
Dry to touch	: 50-70 min @ 25 °C	Scrub Resistance	: Excellent.
Dry to Recoat	: 3-4 hours @ 25 °C	Chemical Resistance	: High.
Full Curing	: 3 days @ 25 °C	Solvent Resistance	: Excellent.
V.O.C./Range	: <327 grams per liter.	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.

On ferrous metals a suitable primer should be used. Epoxy primers must be over-coated within the maximum overcoat window or the surface must be sanded to provide mechanical adhesion.

After **DURALAC 2K Polyurethane Primer 1530 Series** has cured more than 3 days, the surface will require sanding for adhesion purposes for subsequent coats.

### **System Information:**

Stir thoroughly before use. Add all the hardener to the resin in a ratio of 1 part (hardener 1530-1) to 2 part (resin 1530) and mix for 2-3 minutes.

Allow mixed material to sweat-in for 20 minutes before starting application. If thinning is required, proceed after recommended induction time has passed. Humid conditions can lead to condensation during the curing cycle, resulting in loss of gloss.

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.

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

### **Universal Paints Manufacturing Company Limited.**

#### **Head Office: Jeddah:**

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P.O. Box: 325431, Riyadh: 11371, Saudi Arabia,  
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### **Packing:**

Available in USG, Component A (resins)=2.5 liters to Component B (activator)=1.25 liters.  
30 liters pail, component A (resins)=20 liters to Component B (activator)=10 liters.

### **General Information:**

- Solvent-Based paint, flammable.
- 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.

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