



**MFG. : INDUSTRIAL & ANTICORROSIVE PAINTS**

**AN ISO 9001 : 2008 CERTIFIED COMPANY**

---

3, Anand Estate Phase II, Opp. Yamuna Mill, Dabhoi Road, Vadodara-390 004.  
Ph.: 0265 (O) 2580052, Fax : 2580060 M. : 98259 45056

---

## **OMKARTHANE AL (Polyurethane Aliphatic)**

### **PRODUCT DESCRIPTION**

OMKARTHANE AL is a two component Acrylic P U Base system cured with Aliphatic Isocyanate which gives film with very good adhesion, chemical resistance, flexibility and toughness. It offers good resistance to petroleum products, solvents, dilute acids. It also gives very good UV resistance.

### **APPLICATION**

OMKARTHANE AL is generally used not just to prevent corrosion but also from turning the surface yellow due to many chemicals and fumes in industries. It has an extremely long lasting shine and excellent gloss retention to it. It can be applied on variety of surfaces like Mild Steel, Galvanize, Stainless Steel, Fiber after applying suitable Primer. It has extremely good dielectric properties and can be applied through brush, spray or airless spray.

### **SALIENT FEATURES**

- Excellent chemical resistance abrasion resistance
- Excellent adhesion to substrates like steel aluminium
- Two pack cold cure system
- No chalking in exterior environment, excellent gloss retention and color retention
- Easy to apply and fast curing characteristic
- Highly resistance to acids, alkalis, solvents
- Salty environment, fumes, halogens
- Very good dielectric properties

### **SURFACE PREPARATION**

Remove grease, oil and other contaminants preferably by using Degreasing Chemicals. Blast clean surface not exceeding 35 – 40 microns. Special care must be taken on weld areas to remove flux and spatter. Welds should be ground back to avoid pockets where corrosion can occur.

The cleaned surface should be coated before it becomes contaminated



**MFG. : INDUSTRIAL & ANTICORROSIVE PAINTS**

**AN ISO 9001 : 2008 CERTIFIED COMPANY**

3, Anand Estate Phase II, Opp. Yamuna Mill, Dabhoi Road, Vadodara-390 004.  
Ph.: 0265 (O) 2580052, Fax : 2580060 M. : 98259 45056

#### TECHNICAL

Type	Two component Aliphatic PU
Composition	Polyol & polyisocyanate
Mixing ratio	7 :1 by volume
Pot life	4 to 6 hours @ 30°C
Application	Brush / spray / airless spray
Recommended DFT	45 to 55 µm per coat
Volume Solids	50 (±2)
Theoretical coverage	10 to 15 sq. Met per coat per lit
Drying time	Touch Dry . . . 1hour, Dry to handle . . . . . 4 to 6 hours, Hard Dry. . . Overnight, Full curing time. . . . 7 days
Over coating interval	Minimum overnight, maximum 4 days
Flash point	Above 22 c
Shades	All RAL Shades, All IS Shades Or As per Requirement of Customers
Packing	20 lits, 4 lits
Thinner/cleaner	Omkar PU Thinner
Finish	Glossy/semi glossy/ matt
Temperature Resistance	Maximum 100°C
Storage life	Up to 12 months stored in cool, dry condition away from flame and sun in original sealed container as supplied.

#### DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

Visit us on : [www.omkarind.com](http://www.omkarind.com) ● Email: [info@omkarpaints.com](mailto:info@omkarpaints.com) / [omkarind01@yahoo.co.in](mailto:omkarind01@yahoo.co.in)