

PRODUCT CODE 2300
MARIDUR 5002K PU SYSTEM TOP COATS

Description

MARIDUR 500 is 2 K (two component) Paint System where Acrylic modified, non-yellowing, aliphatic isocyanate based polyurethane two component coating available in customized shades and gloss levels.

Recommended Applications

This product is recommended as top coat for the long term protection of steel, concrete and other surfaces exposed to highly corrosive, marine and chemical environments. It has got very good weathering resistance along with chemical, water and solvent resistance. It is recommended for chemical processing industries, food processing industries, pharmaceutical industries, off-shore and on-shore structures and marine industries, cement plants, storage tanks exteriors, oil & gas and petrochemical refineries and on transports vehicles.

Surface Preparation

This is being top coat, to be applied over primed surface, selection of primer(s) and method of surface preparation are of prime importance for the success of whole coating system. Apply MARIDUR -500 polyurethane finish paint on well primed surface which free from dirt and other contaminants. If aged coatings are already there, sand it with 400/600 sand paper before application of finish paint.

Technical Data

COLOUR	: Assorted shades as per requirements
FINISH	: Full glossy to matt as per requirements
SOLIDS BY VOLUME	: 40 + 2% depends upon shade and gloss levels
THEORETICAL SPREADING RATE	: 12.6 to 14.0 sq. Mtr/ ltr@ dft of 30 microns
FLASH POINT	: Above 220 c for base & hardener
DRYING CHARACTERISTICS	: Surface dry : 30-45 minutes (at 300 c & 65% relative humidity) Dry to overcoat : 4-6 hours
Hard dry	: 18-24 hours Full cure : 7 days
MIXING RATIO (base: hardener)	: 4 : 1 by volume
APPLICATION	: By brush , spray and airless spray
THINNER	: Pu thinner 099
SELF LIFE	: 6 months for both the components in Originally sealed containers.
POT LIFE	: 4-6 hours at 300 c

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Notes

Pu hardener is very sensitive to moisture. Keep the containers tightly closed, each time after use. Normal thinners can ruin the pu finish. Use only thinner 099.

Health And Safety

Polyurethane paints contains free organic isocyanate compound. Mixing and handling of this product this paints must be carried out with taking proper safety measures to avoid skin contacts, eye contacts, and inhalation of solvent vapours and mist of the paint spray. The painting must be carried out in a well ventilated spray booths fitted with proper exhaust systems. If painting is to be done on site, care must be taken that along with the spray painter; other people in the nearby area are also protected in the same manner as the painter. Polyurethane paints if swallowed immediately contact a doctor.

The Product is for Industrial use only. Product data given here *is correct to the best of our knowledge but their accuracy may vary depending upon the quality of the substrate, application parameters and atmospheric conditions affecting the performance of the product. Therefore the users are advised to make their own tests to determine the suitability of products for their own purposes under present conditions. Unless agreed upon in writing, we do not accept any liability for the performance of the product. We hereby disclaim any warranties or representations, liability, including but not limited to negligence, injury, consequential losses or damages arising from the use of the Products as recommended above. Product data are subject to change without notice.*

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PRODUCT DATA SHEET

ISSUED: JUNE 2020