

DOOALL CORPRO INDIA PVT LTD.

Phones: (+91)-22-25781525/ (+91)-22-25782892
Email : dooall.paints@gmail.com/ sales@dooall.in
URL : www.dooall.in

Regd. Office: 21, Damji Shamji Ind. Estate
Ground floor, L.B.Shastri Marg,
Vikhroli (West), Mumbai -400083
Works: J-67, MIDC Taloja, Dist; Raigad

DL-PU Aliphatic

Product Description: Two pack acrylic polyol and aliphatic isocyanate based top coat with good chemical resistance and better weatherability.

Uses: It is recommended for application on suitable primed surfaces of structural steelwork, vessels, pipelines, etc in marine, fertilizer, chemical, refineries, petrochemical plants, pharmaceutical, sugar, etc which are exposed to corrosive environment.

Product Data

Type	Two Pack		
Mixing Ratio	B:H-4:1		
Induction time	20 Minutes		
Pot Life	5 hours (@30 °C & 65% RH)		
Composition	Modified acrylic resin, suitably pigmented and aliphatic isocyanate hardener		
Volume solids	50%		
Application		Nozzle orifice	Nozzle pressure
	Brush	-----	-----
	Conventional spray	1.5-3 mm	3-4 kg/cm ²
	Airless spray	0.33-0.53mm	155-176 kg/cm ²
Recommended DFT	25-50 microns		
Theoretical Spreading Rate	10 - 20 Sqmt per liter		
Drying time	Surface: 30-40 Mins (@30 °C & 65% RH) Hard Dry: Overnight (@30 °C & 65% RH)		
Over coating	Min 14 hr at max 7 days (@30 °C & 65% RH)		
Color	Assorted		
Finish	Glossy (Semi glossy variant also available)		
Thinner (DL-PU Thinner)	Brush: 0-5% Conventional Spray: 8-10% Air less Spray: 0-3%		

Chemical Resistance against fumes:	Acid	Alkalis	Solvents	Salt water	Fresh water
	Good	Good	Very Good	Excellent	Excellent
Temperature Resistance:	up to 90 deg Celsius				
Weatherability:	Good (with suitable primer)				
Flexibility:	Very Good				
Abrasion resistance	Very Good				

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Surface Preparation and Application notes

Surface should be suitably primed, free from oil, grease & other contaminants.

Surface should be clean and dry before application of any coating.

Surface temperature must be at least 3°C above Dew point but not above 50°C.

Work stoppage: Do not allow material to remain in hoses, guns or spray equipments. Thoroughly flush all equipment with DL-PU Thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

Clean up: Clean all equipment immediately after use with DL-PU Thinner. It is good working practice to periodically flush out spray equipment during the course of the working day.

Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time including any delays.

Storage& Shelf Life:

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Container must be kept tightly closed. Shelf life- Minimum 12 months from the date of manufacturing; there after subject to inspection and /or high speed stirring.

Health and Safety:

Use safety goggles, hand gloves and required personal protective equipments.

Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water.

In case of accidental contact with eyes, flush with water and seek medical attention immediately.

In case of ingestion seek medical help immediately. Do not induce vomiting.
