

DOOALL CORPRO INDIA PVT LTD.

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

Modithane

Product Description: Two pack Polyurethane resin based on acrylic polyol and aliphatic isocyanate based top coat with good chemical resistance and weather resistance.

Uses: It is recommended for application on suitably primed surfaces of structural steelwork, vessels, pipelines, etc in fertilizer, chemical, refineries, petrochemical plants, core infrastructure which are exposed to corrosive and marine environment for long term protection. It can resist continual water contact after 7 days curing.

Product Data

Type	Two Pack		
Mixing Ratio	B:H-4:1		
Induction time	20 Minutes		
Pot Life	5 hours (@30 °C & 65% RH)		
Composition	Acrylic polyol resin, suitably pigmented and aliphatic isocyanate hardener		
Volume solids	55% \pm 5		
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	30-60 microns		
Theoretical Spreading Rate	9-18 Sqmt per liter		
Drying time	Surface: 25-40 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 (Modithane Thinner)	Brush: 0-5% Conventional Spray: 8-10% Air less Spray: 0-3%		

Chemical Resistance against fumes:	Acid	Alkalis	Solvents	Salt water	Fresh water
	Very Good	Very Good	Very Good	Excellent	Excellent
Temperature Resistance:	up to 90 deg Celsius				
Weatherability:	Very 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 Modithane 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 Modithane Thinner. It is a 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.
