

# 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

## Modpoxy SP (G)

**Product Description:** Specially formulated epoxy mastic that is high build and surface tolerant. It is recommended as a maintenance coating with suitable top coats. The product is suitable for application on steel as well as concrete surfaces.

**Uses:** It is recommended for application on MS surfaces of structural steelwork, vessels, pipelines, pipe racks etc in fertilizer, chemical, refineries, petrochemical plants which are exposed to corrosive environment. It also shows excellent resistance against humid and damp environment.

### Product Data

|                            |   |                |                            |
|----------------------------|---|----------------|----------------------------|
| Type                       | Two Pack  |                |                            |
| Mixing Ratio               | B:H-4:1   |                |                            |
| Induction time             | 20 Minutes  |                |                            |
| Pot Life                   | 4-5 hours (@30 °C & 65% RH)   |                |                            |
| Composition                | Modified epoxy resin, suitably pigmented with zinc phosphate with hardener  |                |                            |
| Volume solids              | 85% $\pm$ 5   |                |                            |
| Application                |   | Nozzle orifice | Nozzle pressure            |
|                            | Brush   | -----          | -----                      |
|                            | Airless spray   | 0.33-0.53mm    | 155-176 kg/cm <sup>2</sup> |
| Recommended DFT            | 100- 150 microns  |                |                            |
| Theoretical Spreading Rate | 5.6-8.5 Sqmt per liter  |                |                            |
| Drying time                | Surface: 2-3 hrs (@30 °C & 65% RH)<br>Hard Dry: Overnight (@30 °C & 65% RH) |                |                            |
| Over coating               | Min 12 hr and max 3months ( @30 °C & 65% RH)                                |                |                            |
| Color                      | Silver AL, Grey, Yellow, Brown or any Inert Shades.                         |                |                            |
| Finish                     | Egg Shell   |                |                            |
| Thinner (MP Thinner)       | Brush: 0-5%   |                |                            |
|                            | Air less Spray: 0-3%  |                |                            |

|   |                      |           |           |            |             |
|---|----------------------|-----------|-----------|------------|-------------|
| <b>Chemical Resistance</b><br><b>against fumes:</b> | Acid                 | Alkalis   | Solvents  | Salt water | Fresh water |
|   | Very Good            | Very Good | Very Good | Excellent  | Excellent   |
| <b>Temperature Resistance:</b>                      | up to 90 deg Celsius |           |           |            |             |
| <b>Weatherability:</b>                              | Excellent            |           |           |            |             |
| <b>Flexibility:</b>                                 | Excellent            |           |           |            |             |
| <b>Abrasion resistance</b>                          | Very good            |           |           |            |             |

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## **Surface Preparation and Application notes:**

The performance of this product will depend upon the degree of surface preparation. The surface to be coated must be clean and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Accumulated dirt and soluble salt must be removed. Dry bristle brushing will normally be adequate for accumulated dirt. Soluble salts should be removed by fresh water washing.

Oil or grease should be removed through solvent mopping.

### **Abrasive Blast Cleaning (recommended)**

Abrasive blast clean to Sa 2. If oxidation has occurred between blasting and application of MP primer, the surface should be reblasted to the specified visual standard.

### **If Blast cleaning not practical:**

Hand or power tool clean to a minimum St3.

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 MP 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 MP 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.

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## **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.

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## **Health and Safety:**

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.

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