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RUDRA PAINT



PLOT NO. 60/61, PANDOL INDUSTRIAL AREA, VED ROAD, KATARGAM,
SURAT, GUJARAT -395004

TECHNICAL DATA SHEET RP - 603

MOISTURE CURED PAINT (MCU Paint)

PRODUCT DESCRIPTION

Moisture Cured Paint is specially developed, for the area where humidity is very high, moisture content high in atmosphere, this products is cured by moisture, its duel pack (2 component) Polymeric resin with metallic zinc dust mainly use to get excellent corrosion resistance, having excellent water and alkali resistant, high performance paint which may be applied to the substrates needing resistance to corrosive chemicals in varied climatic condition as it contains zinc on dry film.

RECOMMENDED USE

MCU PAINT Formulation is specifically developed for various special application. it can be applied on condense pipes, barrage, gates, pipelines storage tanks, structural works in fertilizers, chemicals resistance etc.

PRODUCT HIGHLIGHT

- Excellent Corrosion Resistant as it contains zinc on dry film.
- Excellent Resistance to Abrasion.
- Excellent Resistance to Acid, Alkalis and corrosive chemicals.
- As zinc is self sacrificing metal it prevents the base metal.

FILM THICKNESS and SPREADING RATE

Film Thickness	Theoretical Coverage
50 (+,-) 10 mic/coat	75 sq ft/lit /coat

PHYSICAL PROPERTIES

Property	Value
Colour	Grey
Solids	60 %
Flash Point	32°C

PERFORMANCE PARAMETERS

- **Scratch Hardness** No Exposure of metal substrate Passes the Test.
- **Conical mandrel** No film cracking or crazing.
- **Adhesion** No Peel-Off.
- **Salt Spray Resistance** 2000 SST resistant

SURFACE PREPARATION

All surfaces should be clean, dry and free from contamination. the surface should be assessed and treated in accordance. Bare steel cleanliness blast-cleaning, power cleaning with good tools.

Note :-

Do not use heated air until solvents have evaporated from the paint film to avoid surface drying and solvent entrapment. During application and initial drying of the coating, the coating should not be exposed to high humidity as this can result in loss of gloss.

APPLICATION METHOD

Stir the base thoroughly and then mix four parts of base and one part of zinc dust by volume homogeneous consistency. allow the mixture for 30 min if brush or air less spray application add 5% of thinner if essential depending upon the condition.

POT LIFE

After mixing the base and zinc dust take care that it should be used before 6 hours as it starts gelling. Or keep away from moisture and heat.

DRYING TIME

Drying time are generally related to air circulation, temperature, film thickness, number of coats and will be affected correspondingly. the figure is given in the table are typical with good ventilation or outdoor exposure.

Property	Time
Surface Dry	6h
Hard Dry	24 hours
Second coat	after 2 hours

STORAGE

The product must be store in accordance with national regulation.

storage condition is to keep the containers in dry cool well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

HANDLING

Handle with care, stir well before use.

PACKING QUANTITY

In 20 lit (16+4) or as per customer requirement.

HEALTH AND SAFETY

Please observe the precautionary notices displayed on the container. Use under well ventilated condition. do not breath or inhale mist. Avoid skin contact. Spillage in the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.



Mfg by **RUDRA ENTERPRISE**

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THE FUTURE OF SURFACE PROTECTION

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