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

TECHNICAL DATA SHEET RP- 623

SILICONE MODIFIED EPOXY PAINT

PRODUCT DESCRIPTION

Silicon Modified Epoxy Paint is a dual pack Fusion Silicon resin and polyamide base paint , having excellent acid alkaline and water resistant, high performance paint which may be applied to the substrates needing resistance to corrosive chemicals in varied climatic condition.

RECOMMENDED USE

Silicon Modified Epoxy Paint - formulation is specifically developed for various special application. it can be applied on barrage, gates, pipelines, castings, storage tanks, structural works in fertilizers, chemicals resistance etc.

PRODUCT HIGHLIGHT

- * Excellent Corrosion and Abrasion Resistant
- * Its unique product it serves the purpose seven tank processes
- * Excellent Resistance to Acid, Alkalies and corrosive chemicals.
- * As Polyamide base is good for anticorrosive prevent the base metal

FILM THICKNESS & SPREADING RATE

Film Thickness	80 to 100 microns per coat.
Theoretical Coverage	65 sq ft per lit per coat.

PHYSICAL PROPERTIES

Colour	As per customer's requirement
	It can be from RAL /BIS standards
Appearance	Semi glossy smooth finish.

Flash Point	23°C
Viscosity	viscose liquid
Solid content	80 to 85 by volume

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 Good resistant
 - * Thermal Stability at 200 c no effect on coating Surface.
- (Above parameters are tested in laboratory and found ok.)

SURFACE PREPARATION

All surface should be clean, dry and free from rust and all contamination. The surface should be assessed and treated in accordance. Bare steel cleanliness blast-cleaning, clean by shots blasting.

SURFACE CONDITIONS

- * Relative Humidity max 50% measured in the vicinity of the Substrate.
- * Ventilation good ventilation is required in confined areas to ensure proper drying.

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 paint thoroughly and add thinner if essential depending upon the application can be applied by spray or dipping.

POT LIFE.

6 hours after mixing the base and hardener.

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.

STORAGE

The product must be store in accordance with national regulation. Storage condition are 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

20 LIT (16 base and 4 hardner)

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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