

Website: www.rudrapaint.com
E Mail:- rudrapaint@yahoo.com

RUDRA PAINT



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

TECHNICAL DATA SHEET RP-617

TMT BARS COATING

PRODUCT DESCRIPTION

This product is a fusion bonded epoxy coating with high flexibility that is designed for corrosion protection of steel reinforcing bar. This product is tested to ASTM standards and is approved. This product bond strength between steel and concrete and is maintained when this coating is used as proven by independent third party testing. This product is applied where substrates needing resistance to corrosive chemicals in varied climatic condition.

RECOMMENDED USE

RP-117 formulation is specifically developed for steel reinforcing bar coating.

PRODUCT HIGHLIGHT

- * Excellent Corrosion and Abrasion Resistant
- * Its uncoat product it serves the purpose of primer and paint.
- * Excellent Resistance to Acid, Alkalies and corrosive chemicals.
- * As Asphalt is good for anticorrosive prevent the base metal

FILM THICKNESS and SPREADING RATE

Film Thickness	35 to 45 microns per coat.
Theoretical Coverage	60 sq ft per lit.

PHYSICAL PROPERTIES

Colour	Cascade green
Appearance	Semi glossy smooth finish.
Flash Point	25°c
Viscosity	80 (+- 10)sec

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 to 300 c no effect on coating surface

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

Long pot life.

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.

Substrate Temperature	-10° c	0°c	10°c	25°c	40°c
Surface Dry	6h	5h	4h	3 h	2h
Hard Dry second coat	---- 24 hours----- after 2 hours				

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 /200 LIT PACKING

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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