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-319

COALTAR EPOXY PAINT

PRODUCT DESCRIPTION

COALTAR EPOXY PAINT RP – 319 is a dual pack epoxy and polyamide base paint its combination of coal tar and polyamide resin, 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 its also use as anti corrosive paints under slain water surface.

RECOMMENDED USE

COALTAR EPOXY PAINT formulation is specifically developed for various special application. it can be applied on bridges, gates, pipelines, castings, storage tanks, structural works in fertilizers, chemicals resistance area, steamers, concrete walls and columns structure near coastal areas etc.

PRODUCT HIGHLITE

* Excellent Corrosion and Abrasion Resistant
* Excellent Resistance to Acid, Alkalis and corrosive chemicals.
* As its Polyamide resin and combination of coal tar is good for corrosive atmosphere it prevent the base metal.

Note:- we can specially make this paint as DTM Paint.

FILM THICKNESS and SPREADING RATE

Film Thickness	75 to 100 micron as per requirement.
Theoretical Coverage	8-9 sq mt per lit per coat .

Coverage depends upon the micron size.

PHYSICAL PROPERTIES

Colour	-	black
Appearance	-	matt and smooth finish.
Flash Point	-	25°c
Viscosity	-	not aplicable

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.

Chemical Resistance:

EXPOSURES	SPLASH & SPILLAGE	MILD FUMES / OUTDOOR RESISTANCE
Acids	Good	Very Good
Alkalis	Very Good	Excellent
Solvents	Excellent	Excellent
Salt	Very Good	Very Good
Water	Very Good	Very Good

SURFACE PREPARATION

All surfaces 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.

APLICATION METHOD.

Mix the paint in 4:1 ratio the paint thoroughly and add thinner if essential depending upon the application can be applied by spray or dipping.

POT LIFE.

Use the paint before 6 hours after mixing 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.

Substrate Temperature	-10°c	0 °c	10°c	25°c	40°c
Surface Dry	6h	5h	4h	3 h	2h
Hard Dry	---- 24 hours--------				
second coat	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 (16 + 4)

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.

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Mfg by RUDRA ENTERPRISE

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THE FUTURE OF SURFACE PROTECTION

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