



RSI
INDUSTRIAL
PAINTS Inc.

EPOXY PHENOLIC TOPCOAT REP-308

PRODUCT DESCRIPTION

REP-308 is a gloss coating base on polyamine cured epoxy phenolic and inert pigments with high adhesion and chemical resistance for indoor environment. Standard color availability Manufactured according RAL catalogue. When exposed to direct sun light in outdoor service become discolor and decrease of gloss.

GENERAL PROPERTIES

Adhesion	Excellent to primed surfaces
Corrosion Resistance	Excellent on correctly primed surfaces.

PHYSICAL PROPERTIES

Colors/Shade No	Grey / RAL No
Finish	Flat-semi gloss
Volume Solid	67±3%
Theoretical spreading rate	5.36 m ² /liter 125 Mic.DFT.
Flash point	32 °C
Specific gravity	1.45±0.05 kg/liter
V.O.C.	Max. 220 gr/liter
Shelf life	1 Years (25°C) from time of production. Depending on storage condition, mechanical stirring may be necessary before usage. rage environment should be ventilated and away from sunlight and high temperature (above 30 ° C)

MIXING

Mixing ratio (by weight)	Component A: 6	Component B: 1
Pot life	40 min (20 °C)	

APPLICATION

Conditions	Do not apply when relative humidity exceeds 80% or when the surface to be coated is less than 3 °C above the dew point.	
Method	Airless sprays	Brush (touch-up)
Thinner (max. vol.)	RTH-104 (10 %)	RTH-104(10-20%)
Pump ratio minimum	30:1	
Tip size	0.019" – 0.023"	
Tip pressure	180 bar / 2600 Psi	
Cleaning of tools	RTH-104	
Indicated film thickness, dry	125-150 microns	
Indicated film thickness, wet	185-225 microns	

DRYING AND CURING TIMES

Condition	The figures given in the table are typical with: * Good ventilation (Outdoor exposure or free circulation of air) * Typical film thickness * One coat on top of inert substrate	
Surface temperature	23 °C	
Dry to touch	1 hour	
Hard dry	12 hours	
Full curing	7 days	
Recoat interval, min	Min.10 hours	
Recoat interval, max	7 days	

APPLICATION AND CURING CONDITIONS

Primed surfaces

The surface must be completely clean and dry at the time of application, and its temperature must be above the dew point to avoid condensation. Minimum temperature for curing is 10°C. High humidity and/or condensation during application and the following 16 hours may adversely affect the film formation. In confined spaces provide adequate ventilation during application and drying.

REMARKS

Preceding Coat

Epoxy Phenolic Primer Such as REP-114.

Subsequent Coat

Another coat from REP-308

Film thickness

May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating intervals. Normal range is 125-150 microns.

Thinning

The type and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. Thinner RTH-104 is recommended in general.

SAFETY

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult RSI material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

RSI Co.

Product data sheet REP-308

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