

EPOXY PRIMER COAT

RANA 801 P

Product information

- 1-Poly amide epoxy primer.
- 2-Suitable for variety of substrates.
- 3-Excellent rust inhibitive shop primer in corrosive environments.
- 4-Excellent resistant with a suitable topcoat to water, chemicals and petroleum products.

Physical data

Color:	customer request
Finish:	Flat
Flash point:	
Resin:	34 °C
Cure:	36 °C
Solvent:	28 °C

Volume solids:	58±2%
D.F.T:	60-70 microns
Specific gravity(mixed):	1. 67± 0.05gr/cm ³
Theoretical coverage:	9.6 m ² /lit (at 60 μ D.F.T)
Drying time at 25 °C:	
Touch dry:	3 hrs
Dry to handle:	6-8 hrs
Full cure:	7 days

Component:	2
Pot life:	6-8 hrs at 25 °C:
Mixing ratio(by volume):	
Resin:	refer to can label
Cure:	refer to can label

Application methods: conventional spray or brush or
Airless spray or roller

Recoat intervals* :	10 °C	25 °C	40 °C
(mild condition) : Min:	25 hrs	12 hrs	5 hrs
**Max:	NONE	NONE	NONE

**Maximum Recoat: Unlimited. Must have a clean, dry surface for top coating."Loose" chalk or salts must be removed in accordance with good painting practice. Drying time is temperature, humidity, and film thickness dependent

Recommended thinner:	RANA THINN 80
Recommended cleaner:	RANA CLEAN 80

Shelf life: 12 months when stored indoors in unopened
Original containers at 5 to 40 °C (cool and dry
Place).

Curing mechanism: by solvent release and reaction by
Curing agent and resin

EPOXY PRIMER COAT

RANA 801 P

Typical uses

- 1-As a maintenance and repair primer coat in moderate to severely corrosive environment.
- 2-As a high performance coating for marine and industrial facilities, ballast and potable water tanks, bilges, and draining pipes, above and below water hulls.

Application equipment

The following equipment is listed as a guide and suitable equipment from other manufactures may be used.

adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics.

- 1-Airless spray:
- 2-Conventional spray:
- 3 -Mixer:mixer must be powered by an air motor or an explosion proof electric motor.
- 4-Brush or roller.

Application procedures

- 1-Flush equipment with cleaner before use.
 - 2-Stir resin to an even consistency with a power mixer.
 - 3-Add cure to resin and continue stirring for 5 minutes.
- Note:since the pot life is limited and shortened by high temperatures ,do not mix more material than will be used in 8 hours at 25 °C.

- 4- Thinning with RANA THINN 80 for necessary
- 5-Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes after 20 minutes.
- 6-Clean all equipment with cleaner immediately after use.

EPOXY PRIMER COAT

RANA 801 P

Environmental condition

Environmental temperature must be 10-40°C.

Surface temperature must be at least 3°C above dew point to prevent condensation. At freezing temperature surface must be free of ice and relative humidity below 80 %.

Surface preparation

Sand blasting to standard Sa 2.5 – Sa3 , SIS 05 5900 , ISO 8501-1.