PEACOCK PAINT

PEACOPOXY RC FINISH

Product Code: 6502

PRODUCT DESCRIPTION

- High build modified two component polyamide cured recoatable epoxy coating
- Used in steel structures above water areas
- Resistant to water and splash of mild chemicals
- Good adhesion on most aged, sound alkyd, chlorinated rubber and epoxy coatings
- Good flexibility
- A high relative humidity max. 95%, during application and curing does not influence the quality of the coating

PHYSICAL PROPERTIES

Colours and gloss	available
Mass density	approx. 1.45g/cm^3
Solids content (by volume)	approx. 75%
VOC	208 g/litre
Recommended dry film thickness	75-150 μm
Theoretical spreading rate	10.0 m^2 /l for 75μm 7.5 m^2 /l for 100μm 5 m^2 /l for 150μm
Touch dry	2.5 hours
Overcoating interval	min. 10 hours max. unlimited
Fully cured	3 days
Shelf life(cool and dry place)	at least 12 months
Flash point	base 26^{0}C, hardener 24.5^{0}C

APPLICATION CONDITIONS AND TEMPERATURE

- Previous coat; dry and free from any contamination
- During application and curing a substrate temperature down to 0^{0}C is acceptable provided the substrate is free from water or ice
- Substrate temperature should be at least 3^{0}C above dew point

APPLICATION INSTRUCTION

Mixing ratio

base to hardener 7.8:1 *by weight*

base to hardener 9 : 2 *by volume*

- The temperature of the mixture of base and hardener should be above 15^{0}C, otherwise extra solvent may be required to obtain application viscosity
- Too much solvent results in lower sag resistance and slower cure
- Thinner should be added after mixing the components

	AIR SPRAY	**AIRLESS SPRAY**
Recommended thinner	Thinner 066 (flash point 26^{0}C)	Thinner 066 (flash point 26^{0}C)
Volume of thinner - for 125 μm	<10%	<10%
Nozzle orifice	1.5-3 mm	0.48 mm
Nozzle pressure	0.3-0.4 MPa (approx. 3-4 AT; 43-57 P.S.I.)	15MPa (approx. 150 AT; 2100 P.S.I.)

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BRUSH AND ROLLER

Recommended thinner	Thinner 066(flash point 26^{0}C)
Volume of thinner	<5%

CLEANING SOLVENT

Thinner 068(flash point 30^{0}C)

OVERCOATING TABLE

For Peacopoxy product

substrate temperature (^{0}C)	-5	5	10	20	30	40
minimum interval (hours)	30	20	15	10	2	2
maximum interval	no limitation, surface should be dry and free from any contamination					

CURING TABLE

substrate temperature	dry to handle	full cure
0^{0}C	50 hours	8 days
5^{0}C	40 hours	6 days
10^{0}C	36 hours	5 days
15^{0}C	30 hours	5 days
20^{0}C	24 hours	3 days
30^{0}C	20 hours	2 days
40^{0}C	18 hours	2 days

	POT LIFE(AT APPLICATION VISCOSITY)		**INDUCTION**
10^{0}C	14	hours	20 mins.
20^{0}C	9	hours	-
25^{0}C	6	hours	-
30^{0}C	5	hours	-
40^{0}C	3	hours	-

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