

PEACOPOXY AR COATING

Product code: 6524

Date: JULY 2012 (Page 1 of 2)

PRODUCT INTRODUCTION

- Two component reinforced high solid amine cured epoxy coating
- Used as tar free build coat for both underwater and above water area
- Good chemical resistant for coating for sewage treatment plant, product tankers, bulk or oil carriers and storage tanks. It can be used as flooring, coating and linings.
- excellent impact and abrasion resistance
- good low temperature cure

PHYSICAL PROPERTIES

Colours and gloss	gray (other colours on request) - gloss
Mass density	approx. 1.52g/cm ³
Solids content (by volume)	approx. 86%
Recommended dry film thickness	150-200 µm
VOC	220 g/litre
Theoretical spreading rate	8.6 m ² /l for 100µm 5.7 m ² /l for 150µm 4.9 m ² /l for 200µm 4.3 m ² /l for 200µm
Touch dry	4 hours
Overcoating interval	min. 14 hours max. 25 days
Fully cured	4 days
Shelf life(cool and dry place)	at least 12 months
Flash point	base 26°C, hardener 25°C

APPLICATION CONDITIONS AND TEMPERATURE

- Previous coat; dry and free from any contamination
- Substrate temperature should be at least 5°C during application and curing and at least 3°C above dew point
- **Steel**; blast cleaned to ISO-Sa2½
- **Concrete floor**; blast the surface, acid wash or power tool cleaned. Prime with suitable primer.
- **Concrete wall**; Prime with suitable sealer

APPLICATION INSTRUCTION

Mixing ratio

base to hardener 86:14 *by weight*

base to hardener 78:22 *by volume*

- The temperature of the mixture of base and hardener should be above 15°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°C)	Thinner 066 (flash point 26°C)
Volume of thinner	<10%	<5% for dft 200 µm <10% for dft 100 µm
Nozzle orifice	1.5-2 mm	0.53 mm
Nozzle pressure	0.3-0.4MPa (approx. 3-4 at; 43-57 P.S.I.)	15MPa (approx. 120AT; 1700 P.S.I.)

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BRUSH AND ROLLER

Recommended thinner Thinner 066(flash point 26°C)

Volume of thinner <5%

CLEANING SOLVENT

Thinner 068(flash point 30°C)

OVERCOATING TABLE

substrate temperature (°C)	5	10	20	30	40
minimum interval (hours)	40	32	14	7	6
maximum interval (days)	25	25	25	25	12

CURING TABLE

substrate temperature	full cure
5°C	17 days
10°C	14 days
15°C	6 days
20°C	4 days
30°C	3 days
40°C	3 days

adequate ventilation is required during application and curing

POT LIFE (AT APPLICATION VISCOSITY)

INDUCTION TIME

15°C	2 hours	10 min.
20°C	1.5 hours	8 min.
25°C	1 hours	5 min.
30°C	45 mins.	-
35°C	30 mins.	-



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