

PEACOPOXY TL COATING

Product Code: 6501

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PRODUCT DESCRIPTION

- High solid two component polyamine cured epoxy coating
- Used in tank coating with good chemical resistance against a wide range of chemicals
- Suitable for use in Potable water exposure
- Meet AWWA C210-97 for use on interior & exterior of steel water pipe
- Good low temperature cure
- Short curing period
- Can be overcoated with Peacopour RC Finish for color stability under UV exposure

PHYSICAL PROPERTIES

Colours and gloss	light green, gray - gloss
Mass density	approx. 1.42g/cm ³
Solids content (by volume)	approx. 85%
VOC	210 g/litre
Recommended dry film thickness	125 µm in one coat application
Theoretical spreading rate	6.4 m ² / l for 125µm 10.0 m ² / l for 80µm
Touch dry	7 hours at 5°C 5 hours at 10 °C, 2 hours at 20 °C
Overcoating interval	min. 8 hours at 20 °C max. 28 days
Shelf life(cool and dry place)	at least 12 months
Flash point	base 28 °C, hardener 24 °C

APPLICATION CONDITIONS AND TEMPERATURE

- Steel; blast cleaned to a minimum of ISO-Sa2½, blasting profile (Rz) 40-70 µm
- Previous coat; dry and free from any contamination and sufficiently roughened if necessary
- Substrate temperature must be above 5°C during application and curing and at least 3°C above dew point
- If tank will be used for storage of potable water the substrate temperature should be minimum 10°C and at least 3 °C above dew point

APPLICATION INSTRUCTION

Mixing ratio

base to hardener 79:21 *by weight*

base to hardener 3:1 *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 - for 125 µm	<15%	<10%
Nozzle orifice	1.8-2 mm	0.53 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

not recommended, only for spot repair and stripe coating

CLEANING SOLVENT

Thinner 068(flash point 30°C)

OVERCOATING TABLE

substrate temperature (°C)	5	10	20	30	40
minimum interval (hours)	30	22	8	4	3
maximum interval (days)	30	30	28	15	7

CURING TABLE

min. curing time of PEACOPOXY TL COATING before transport of

substrate temperature	aliphatic petroleum products and ballast water and tank test with seawater	aggressive cargo
5 °C	9 days	15 days
10 °C	7 days	14 days
15 °C	4 days	7 days
20 °C	3 days	5 days
30 °C	2. days	4 days
40 °C	1 days	3 days

- for detailed information, please refer to Peacock consultant
- adequate ventilation is required during application and curing
- for use in potable water tanks, the ventilation and curing requirement should be accruing to Peacock advise

POT LIFE (AT APPLICATION VISCOSITY)

INDUCTION TIME

15°C	3.5 hours	20 min.
20°C	2 hours	15 min.
25 °C	1.5 hour	10 min.
30 °C	1 hour	-
40 °C	45 min.	-



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