

FEATURES

Economical high performance offset to traditional coal tar epoxies for all Industrial & Marine applications.

Excellent Water Immersion Resistance:

- Exceeds coal tar epoxies
- May be topcoated with anti-fouling such as Altex AF 3000[®] & AF 1000[®]

Durable High Build Film Properties:

- Abrasion resistant
- Extended corrosion protection at low cost
- Good cure response
- Excellent aged self-recoatibility

Good Application Properties:

- Thick film coatings readily applied by airless spray in one application

Safe:

- Does not contain coal tar pitch or associated benzene derivatives

Note:

- May change colour and chalk when exposed to direct sunlight. This does not affect the protective properties of the coating

RECOMMENDED USES

Altra~Tar[®] may be used in all Industrial & Marine applications where coal tar epoxy coatings are traditionally specified.

Marine & Immersion Service

- Ships, barges, floating docks, offshore structures - Non-bleeding formulation makes Altra~Tar[®] equally suited to under and above water service
- Economical anti-corrosion coating under anti-fouling
- Industrial clarifiers & sedimentation tanks
- Ballast tanks & void spaces

Chemical Resistance*

- Water holding tanks
- Fertiliser plants
- Pulp & paper mills
- Refineries

* Note - for raw sewage exposure refer to Altra~Shield 2000[®]

Electrical Resistance

- Impressed current systems
- Underground pipes & storage tanks
- Cofferdams

SPECIFICATION DATA

Coating Type:	Synthetic Hydrocarbon/Epoxy
Colour:	Black
Packaging:	10 litre Two component kit
Mix Ratio:	4 to 1 by volume
Gloss:	Semi-Gloss
Flash Point:	38°C Setflash
Thinner:	1/2 Thinner
Pot Life:	5 hours at 25°C
Induction Time:	15 minutes at 25°C
Storage:	Store under cool, dry conditions

Density:	1.31 kg per mixed litre																
VOC (EPA 24):	292 grams per litre																
Temperature Resistance:	121°C Dry																
Volume Solids (Mixed):	71% (ASTM D2697 - 7 Days)																
Theoretical Coverage Rate:	7.1 sq metres per litre at 100 microns DFT																
Recommended Film Thickness Per Coat:	211-282 microns wet to obtain 150-200 microns dry																
Application:	Spray, brush or roller																
Dry Times (150µm DFT / 50% RH):																	
	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>5°C</u></td> <td style="text-align: center;"><u>15°C</u></td> <td style="text-align: center;"><u>25°C</u></td> </tr> <tr> <td>Touch Dry</td> <td style="text-align: center;">16 Hrs</td> <td style="text-align: center;">7 Hrs</td> <td style="text-align: center;">4 Hrs</td> </tr> <tr> <td>Hard Dry</td> <td style="text-align: center;">30 Hrs</td> <td style="text-align: center;">18 Hrs</td> <td style="text-align: center;">10 Hrs</td> </tr> <tr> <td>Minimum Recoat</td> <td style="text-align: center;">16 Hrs</td> <td style="text-align: center;">8 Hrs</td> <td style="text-align: center;">5 Hrs</td> </tr> </table>		<u>5°C</u>	<u>15°C</u>	<u>25°C</u>	Touch Dry	16 Hrs	7 Hrs	4 Hrs	Hard Dry	30 Hrs	18 Hrs	10 Hrs	Minimum Recoat	16 Hrs	8 Hrs	5 Hrs
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SURFACE PREPARATION

Surfaces must be dry, clean, free of oil, grease, dirt, wax, soaps, powdery residue, form release agents, curing compounds, mill scale, rust, loose and flaking paint and other foreign substances

Immersion Service:

Can be applied over a wide variety of primers. Refer Altex Coatings Limited.

Application Direct to Steel:

Altra~Tar[®] is a surface tolerant coating. For maximum performance a high standard of preparation, ie abrasive blasting to SSPC SP10, is recommended.

However, for atmospheric exposure acceptable performance may be achieved in maintenance situations with a thorough power tool clean to SSPC SP3; and for marine immersion service, with abrasive blasting to SSPC SP6 (Commercial Blast).

Application over Concrete:

Remove all release agents and laitance by sweep blasting or acid etching. Apply first coat thinned 25%.

DIRECTIONS FOR USE

Mixing:

Altra~Tar[®] is a two component product supplied in 10 litre kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together. Power mix the base portion first to obtain a smooth homogeneous condition. After mixing the base portion, add the converter slowly with continued agitation. After the converter add is complete, continue to mix slowly until homogeneous. Allow a 15 minute induction time before using.

The pot life of the mixed material is 5 hours at 25°C. Higher temperatures will reduce the working life of the coating; lower temperatures will increase it.

Thinning:

Thinning may be required. Thin up to 15% with Altex 1/2 Thinner. Any solvent addition should be made after the two components are thoroughly mixed.

Application:

Altra~Tar[®] can be applied by both or conventional spray or airless spray equipment. Suggested spray equipment is:

Air Spray: Graco Delta - Air Spray gun, 2.8mm (0.110") set up

Airless Spray: Graco - 30:1 pump, Contractor Gun, 0.021-0.031" RAC IV tip

(Note : Other equipment equivalent to the above may be used.)

Anti-Fouling Coatings:

Anti-Fouling coatings should be applied over Altra~Tar[®] when the product becomes tack free but is still soft to finger pressure.

Clean-up:

Use 1/2 Thinner

Ventilation:

It is very important for the safety of the applicator and the proper performance of Altra~Tar[®] that good ventilation be provided to all portions of the enclosed area. It is equally important to bring into the enclosed area dry fresh air to remove all solvent vapours. Since solvent vapours are heavier than air, ventilation ducts should reach to the lowest portions of the enclosed areas as well as into any structural pockets. Ventilation should be provided throughout the cure period to ensure all of the solvents are removed from the coating.

PRECAUTIONS

For industrial use only. See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Altra~Tar[®] is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

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