

ALEXCOAT ET220



Coal Tar Epoxy Resin Coating

Description

ALEXCOAT ET220 is based on polyamide epoxy resins modified with coal tar pitch. It is supplied as a two pack material in pre-weighed quantities ready for on-site mixing and use

Uses

For corrosion resistant coating of concrete or metal surface:-

- Sewage works.
- Effluent plant.
- Chemical processing Plant.

Advantages

- Good chemical resistance.
- Good physical strength.
- Easily applied.
- Water proofing membrane.
- Hydrolic structure.
- Pipe lining.
- Marine paints.
- In underground structure to resist aggressive salts (chlorides, sulphates)
- Anti bacterial
- High adhesion to both steel and concrete.

Surface preparation

The surface to be treated with **ALEXCOAT ET220** must be Clean and free from dust or loose material.

Concrete surfaces: All laitance must be removed by grit blasting.

Following the preparation of a concrete surface, care Should be taken to ensure that any blow holes which have Appeared in the surface are filled by **ALEXCOAT ET220** IF large numbers of holes have appeared, then it may be necessary to render the surface or use a glass fiber reinforcement in the **ALEXCOAT ET220** application.

Properties

Specific gravity	1.23	
Volume solids	60%	
Theoretical coverage	6m ² /lit at 100 micron	
Pot life	2 hours	20 °C.
Time between coats	12 -18 hours	
Initial hardness	24 hours	20 °C.
Full cure	7 days	20 °C.
Temperature Limitations		5°C

Standard

ASTM C881 Type 2 Grade 2

Guide to application

Application:

- The concrete must be dry free from any looses.
- Application of **ALEXCOAT ET220** once mixed, the material should be immediately brush-applied to the surface ensuring a continuous coating of uniform thickness is obtained.
- The concrete surface must be moisture free before the **ALEXCOAT ET220** is applied. Also, **ALEXCOAT ET220** can be applied by airless spray machine or roller.
- Steel surface must be free from any rust, sand blast to Swedish SA 2 1/2

Mixing:

- Stir well component A, B individually.
- Add component B to component A while mixing by using a slow speed drill 250 rpm.
- Ensure to reach a uniform consistency with a uniform colour.

Coverage:

ALEXCOAT ET220 is approximately Covers 6 m²/liter to 100 micron D.F.T

Storage:

Store out of direct sunlight, clear of the ground on pallets protected from rain fall.

Protect from extremes of temperatures.

Packing:

Is supplied in 20 KG

Shelf life:

Up to 12 months if stored in unopened container away from sun, rain.

Safety precautions:

- Avoid contact with eyes, mouth, and skin.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed seek medical attention immediately. DO NOT induce vomiting.
- It is flammable .DO not smoke or use near naked flame.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

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