

Estocure P

Concrete Curing Compound

Description

Estocure P is a liquid curing compound for the prevention of premature water loss in concrete.

Estocure P is applied to fresh concrete surfaces to form a fast dry, thin flexible and tough, impervious membrane which protects the concrete from rapid water evaporation during initial curing stages, thereby assisting towards obtaining maximum strength, durability and helping towards the elimination of shrinkage cracks and surface dusting

Uses

Estocure P is particularly useful in large areas of exposed concrete such as:

- Roof & bridge decks
- Aprons, hard standing & retaining walls
- Pre-stressed beams and piers, etc.
- Highways, runways and taxiways
- Column, beam & precast unit

Advantages

- Enable cement to hydrate better
- One-time application reduces labor cost
- Reduce surface shrinkage & cracking
- Save time and eliminates need for damp Hessian and polythene sheet
- Disintegrated under ultra violet light or abrasion
- Proven and predictable performance

Standards Compliance

- BS 7542:1992
- ASTM C309-93 Type 1

Physical Properties

Curing Efficiency Index, BS 7542, 1992	> 45%
Liquid Membrane Forming Compound for Curing Concrete ASTM C309-93	Comply
Specific Gravity at 25°C	0.9 – 1.0
Color	Milky White
Dry Film Color	Clear Film
Dry Film @ 30°C (approx..)	1 -2 hours

Application Instructions

Application

Estocure P is supplied ready to use and should not be diluted with any forms of solvent / water. Stir well before use.

It should be applied after the final finishing operation as soon as the concrete or mortar surface has hardened sufficiently to prevent marring.

The surface should be damp but with no free water on it. In the case of formed concrete, apply immediately after striking the formwork. Delaying the application until the next day will allow substantial loss of moisture reducing the effectiveness of the curing membrane.

For best results, apply an even coat by a low-pressure spray equipment (knapsack sprayer) or a wide short nap roller, or brush. With all methods, take adequate care to prevent marring of concrete surface. Apply the **Estocure P** evenly on all exposed concrete surfaces.

After application of **Estocure P**, it should be protected from rain for at least 3 hours.

Packing & Size

Estocure P	200 liter drum 20 liter pail
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Coverage

Estocure P	5 m ² per liter
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Actual coverage depends upon the method of application, the texture and porosity of the surface. As a guide, for a porous, mid rough surface it will be approximately 5 m² /L.

Technical Support

Estop offers a comprehensive range of high performance, high quality of repair product for both new and existing concrete surfaces. In addition, the company offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Storage

Estocure P has a shelf life of 12 months at ambient room temperature in unopened condition.

If stored in extreme heat locations the shelf life may be reduced.

Precaution

Estocure P should not be swallowed and avoid to be in contact with skin or eyes. Wear gloves and goggles for protection. If swallowed, seek medical attention immediately

Do not induce vomiting.

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Important Note

Estop products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Estop endeavors to ensure that any advice, recommendation, specification or information in may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Additional Information

Estop manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.