



New Guard Coatings Group

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Water based high efficiency (90%) curing membrane for concrete

Uses

- As a spray applied membrane to retain moisture in concrete for effective curing.
- Suitable for all general concreting applications and of particular benefit for large area concrete surfaces, such as airport runways, roads and bridgeworks.

Advantages

- Improved curing of concrete enhances cement hydration and provides a more durable, higher strength concrete
- Controls moisture loss to improve surface quality, reduce permeability and minimize potential for surface cracking and shrinkage
- Creates a hard wearing, dust-free surface
- Spray application reduces labour costs and eliminates the need for alternative curing systems
- Dustproofs
- Water based, non-toxic and non-flammable
- No need for damp hessian or polythene.
- Fosroc Cure B degrades naturally over time so there is no need to remove manually.

Description

Fosroc Cure B is a spray on temporary membrane to retain moisture in freshly placed concrete.

Fosroc Cure B is formulated to prevent evaporation of the gauging water and provides an efficient method for curing concrete. Gives reduced shrinkage and cracking and creates a more durable, hard wearing surface.

Compliance

Fosroc Cure B achieves 90% curing efficiency when tested to BS EN 7542:1992.

Properties

| | |
|-------------------------------|---|
| Appearance | White liquid |
| Curing Efficiency | > 90% at 6m ² /litre |
| Specific Gravity @ 15.6c | 1.01 (approx) |
| Flash Point (PMCC) | > 100°C |
| Drying Time @ 20°C | Tack Free— 2 to 4 hours Hard Dry— 18 to 24 hours |
| Shelf Life (sealed container) | 12 months |
| Compliance | ASTM C-309, Type1, Class A&B, BS EN 7542:1992 |

Application

Minimum application temperature: 5°C.

Fosroc Cure B should be spray applied to the surface of fresh concrete. Application should begin immediately after the concrete is free from surface water. Do not apply if bleed water is forming or present on the concrete surface.

Always stir or shake Fosroc Cure B before use.

Apply using a fine spray onto newly placed concrete. The spray nozzle should be held approximately 450 mm from the concrete surface and passed back and forth to ensure complete coverage. The fugitive white colour during application provides a guide to the area covered. Pump pressure should be maintained to give an even, fine spray. Coverage rate—4-6m² per litre.

After spraying, no further application of water is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be walked on before it is fully dry and care should be taken to ensure that the film is not broken.

Fosroc Cure B may also be applied to the surface of newly hardened concrete immediately after demoulding. In such cases the concrete surface must be damp and not dry.

Dry surfaces may prevent correct film formation and cause absorption of the Fosroc Cure B which may lead to staining and difficulty in later removal.

All equipment should be cleaned with water.

After 28 days the film formed will begin to degrade. Rate of degradation depends on initial membrane thickness and the degree of exposure to UV light.

Supply

Fosroc Cure B is available in 20L, 1000L containers.

Storage

Fosroc Cure B has a minimum shelf life of 12 months provided the temperature is kept within the range of 4°C to 35°C. Freezing and prolonged exposure to heat or direct sunlight should be avoided. Should the temperature of the product fall outside this range then the Fosroc Customer Service Department should be contacted for advice.

Containers should be kept sealed and airtight to prevent loss of moisture by evaporation.

Fosroc® Cure B

Health and safety

For further information refer to appropriate Product Safety Data Sheet.

Fire

Fosroc Cure B is water based and non-flammable.

Important Notice

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company.

It is the responsibility of the customer to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable, and that in the light of our continual research and development programme the information relating to each product has not been superseded.

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Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, 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 of information given by it.

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