

Cemfin

cement coating system for concrete structures

Description & Uses:

Cemfin is a highly modified cement pre-blended coating incorporating selected aggregates; silicas & mica; resins; cements and rheology modifiers. It is chemically formulated to give high flexural strength, outstanding waterproof characteristics & effortlessly repels dirt/dust and vehicle exhaust fumes.

Typical uses are coating of: concrete bridges, walls, parapets, beacons and is recommended for high traffic areas including coastal environments.

Suitable for temp. Between 5°C and 50°C.

Advantages over conventional coatings:

Cemfin passes SABS test SANS 10400-K:2011 rainwater penetration test. (Report available)

High flexural strength

Minimum delays to traffic & production – easy to apply and quick drying.

High bond strength. No secondary bonding agents required.

Highly durable & flexible - resistant to deicing salts.

Non-shrinking & non-chalking formula.

No pre-saturation to substrate required - No post sealer application required.

Mixing:

Cemfin is a convenient 2 pack system -
5lt Liquid + 10kg Powder

1. Pour 5lt Liquid into a clean container and slowly add in 10kg Powder.
2. Mix thoroughly using a flat paddle or a mechanical mixer until product as a smooth and creamy texture.
3. Allow to stand for 5 minutes before giving a quick final stir.

N.B - Only mix enough Cemfin that can be used in 50minutes.

Take care to stir the mix whilst product is standing.

Do not add any other substance (e.g. cement/lime) into Cemfin.

Surface Preparation & Application:

1. Ensure that the surface/floor is COMPLETELY free of any contaminants e.g. grease, oil, dirt etc.
2. In the event of soiled areas – the area must be pressure cleaned and allowed to dry thoroughly before applying Cemfin.



3. Apply Cemfin with a wide block brush with even brush strokes taking care to work well into fissures and cracks. Apply thoroughly and allow to dry before recoating.

N.B – It is advisable to apply the final coat in a up/down movement – this will help with excess rain water run-off.

Setting Time:

Cemfin has a setting time of approximately:

Initial setting	60 minutes
Recoating	120 minutes
Final setting	overnight

Coverage:

Approx. 1kg Cemfin mix /3m² per coat (depending on porosity of substrate)

15kg mix = 45m²/per coat

Storage:

Store in a cool dry space.

Always store off the ground, concrete & steel floors.

Shelf life: 6 months in unopened pack

Packing Density: 1.1 – 1.3 g/cm³

pH: 10.0

Water up take: 45 – 55ml/100gr

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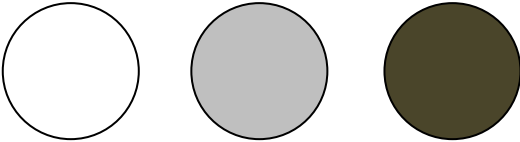
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Packaging:

15kg pack – packed in 20t bucket

Colours*

Available in 3 standard colours



White

Cement grey

Cement green

* These colour representations are as accurate as the printing process permits. It is advisable to view an actual product sample before a final choice is made.

Safety:

Safety should always be a priority when working with materials and tools - Avoid contact with eyes - Do not ingest or inhale.

Clean-up with clean water and detergent only.

Environment

Always recycle when able to.

Do not put materials in drains or waterways.

Technical Information:

We provide free comprehensive technical back-up service on all of our products and we guarantee that our products will comply with the technical properties detailed in their specific Technical Data Sheets issued by ourselves.

To the best of our knowledge and belief, this information is true and accurate. As the conditions of use and any labour involved are beyond our control, the end-user must satisfy himself by prior testing that the product is suitable for his specific application.

Products are sold subject to our Standard Conditions of Sale.