



Triton Concrete Hardener & Sealer Data Sheet

Description

Triton Concrete Hardener & Sealer is a blend of high-grade silicates and wetting agents, held in suspension with water as a carrier. Once applied to the concrete surface, this unique product increases surface abrasion resistance, dust proofs, hardens and seals, all in one product.

Key Benefits

- UV stable
- Will not yellow or discolour
- Totally seals the concrete surface
- Increases abrasion resistance
- Resistant to acid concentrates
- Totally safe – water based
- Takes all after trades
- Normally one coat application
- Equipment can be easily cleaned with water

Typical Applications

- Multi-storey car parks
- Concrete bunding areas
- Sealing tilt up panels
- Dust proofing porous surfaces
- Light weight concrete blocks
- Hardening concrete that requires after trades
- Repairing rain damaged concrete
- An effective anti lime coating to new concrete in cavity drain systems

Technical Data

Appearance:	Opaque clear liquid
Coverage:	2 – 4m ² /kg
Solids:	8% to 10%
Solubility in Water:	Complete
Flash Point:	Not applicable
Shelf Life:	At least 1 year
Drying Time:	1 hour tack free 4 hour hard dry
Application Temperature:	5°C – 35°C

All technical data stated herein is based on tests carried out under laboratory conditions.

Application Guidelines

Ensure that the surface to be treated is free from oil, dust and other foreign matter. Apply Triton Concrete Hardener & Sealer at a rate of 2 – 4 square metres per kg using a brush, broom or spray unit. Apply additional treatments if required. Allow 2 – 3 hours for the product to dry. After this period, check for any “puddling” of the product on the concrete surface. If “puddling” has occurred, apply water to the affected area and sweep the Triton Concrete Hardener & Sealer with a broom to allow further penetration in to the treated substrate.

Note: Porous concrete may require subsequent applications; a trial should be conducted to assess the number of applications required.

After Triton Concrete Hardener & Sealer has dried it may appear patchy but the appearance should improve after 2 – 3 months as the Triton Concrete Hardener & Sealer continues to react and release any trapped water.

Warning

Do not allow Triton Concrete Hardener & Sealer to come in to contact with painted surfaces, glass or aluminium, as pitting may occur. If contact occurs, flush with copious amounts of water. Usage is not recommended where an aesthetic finish is important such as with coloured concrete.

Limitations

Do not apply Triton Concrete Hardener & Sealer in the following cases;

- To seal lightweight or other extremely porous masonry that contains actual holes and air pockets.
- When the temperature falls to below 5°C
- To areas previously treated with curing or sealing agents, unless these coatings have been removed by chemical or mechanical means

Packaging

Triton Concrete Hardener & Sealer is supplied in 20kg or 25kg drums. Packaging size may vary subject to local regulations and requirements.

Storage

Triton Concrete Hardener & Sealer should be stored at room temperature (min 10°C and max 35°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.

Health & Safety

Triton Concrete Hardener & Sealer should only be used as directed. We always recommend that the Health & Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from Triton.

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