

CONCRETE SHIELD™ GROUT 1000



Concrete Shield™ Grout 1000 is a high performance one part grouting and bonding agent. It is an inherent part of the Concrete Shield™ polishing process. Concrete Shield™ Grout 1000 can be used for patching and filling small air pockets and pin holes when polishing concrete as well as working to harden and seal fresh or hardened concrete.

Features and Benefits

- Superior bonding
- Non-yellowing
- Ready to use concentrate
- Environmentally friendly
- Suitable for grouting prior to coating with Fortis Coatings
- Ultra-low VOC

Typical Applications

- Polished concrete flooring

Pack Size

15L

Shelf Life

12 months @ 25°C unopened

Safety

- Refer to Safety Data Sheet prior to use
- Good industrial hygiene practices should be observed at all times

Storage

Store in cool, dry conditions, out of direct sunlight. Do not store below 5°C or over 40°C

Surface Preparation

Prior to application ensure that the substrate is clean, free of wax, oil, dirt, grease, curing compounds. Ensure surface is between 10°C and 35°C. Ensure that area is well ventilated during application and until the grout has dried.

For best results, concrete floors should be grouted within 2 days of grinding to prevent latency. Concrete Shield™ Grout 1000 can also be diluted and used as a cost effective dust sealer for concrete.

Application

Concrete Shield™ Grout 1000 should be applied with a pump sprayer and a fine bristle broom. First spray a light coat of water to help with the absorption of Grout 1000 into the pores. Spray enough water to coat the floor but not enough to pool. While damp, spray Grout 1000 on the floor liberally with a pump sprayer 3 to 5 meters in-front of the grinder.

Agitate the floor with the broom to clean out the dust of the pores in the concrete. Run the grinder with 120 grit diamonds through the wet Grout 1000. The Grout 1000 will combine with the dust being created by the 120 grit diamonds and that slurry will be forced into holes created by air bubbles and pulled out aggregate. Afterwards, gently sweep the floor with a fine broom to get most of the excess balled up slurry off the floor.

Fortis Concrete Shield™ Densifier should then be applied.

Clean-Up

Equipment can be cleaned with water immediately after use. Hardened materials must be removed mechanically.

Limitations

Do not allow material to pond as this will result in white staining once dried.

Do not apply at polishing stage - uneven colour may result.

Not suitable for use on natural stone

Do not apply over areas previously treated with concrete curing compounds or membrane forming sealers unless these have been completely removed.

Concrete Shield™ Grout 1000 cannot be expected to make bad disintegrating concrete good.

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For further information, including Safety Data Sheets and Technical Bulletins, refer to the Fortis website www.fortisadhesives.com.au.

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