

CONCRETE SHIELD™ NATURAL ENHANCER



Concrete Shield™ Natural Enhancer is a ready to use penetrating water and oil repellent based on silane/siloxane/fluorinated polymers in a non-flammable solvent. It is typically used on concrete, ceramics, terracotta, all natural and artificial stones and terrazzo style materials

Concrete Shield™ Natural Enhancer penetrates deeply and reduces capillary absorbency so water, oils and greases can no longer penetrate the surface as easily. These materials remain on the surface and can be wiped off before they cause stains.

In addition to protection of the surface, Concrete Shield™ Natural Enhancer lightly darkens the stones natural colours producing a visible lustre.

Features and Benefits

- Maximum protection
- Natural look
- Enhances colour
- Deep Penetration
- Non-Flammable
- Interior / Exterior
- Enhances stone
- Reduces absorbency

Typical Applications

- Concrete
- Stone
- Terrazzo
- Slate
- Engineered stone
- Granite
- Limestone

Properties

- Colour: Clear
- Coverage: 4-40m² /L, subject to surface porosity

Pack Size

5L

Shelf Life

24 months @ 25°C unopened

Safety

- Refer to Safety Data Sheet prior to use
- Good industrial hygiene practices should be observed at all times
- Appropriate PPE should be worn including impervious gloves & eye wear
- Ensure that the area is well-ventilated during application & until the surface is dry

Storage

Store in cool, dry conditions, out of direct sunlight and in a well-ventilated area. Do not store below 5°C or over 40°C

Surface Preparation

If required, grind the surface to the desired finish. Ensure the surface is completely dry, absorbent, clean and free of waxes, coatings and previous sealers.

Test in a small inconspicuous area, allowing a 24-hour cure time to determine ease of application and desired results.

Application

Glass, polishes, plastics, varnish and other surfaces sensitive to solvents must be protected against splashes during application.

For small jobs, use paint pad, roller or brush. For larger jobs, apply with a garden type sprayer or micro-fibre mop applicator.

Apply an even thin coat at the following approximate rates:

- polished concrete - 40m² / L
- honed concrete - 15m² / L
- absorbent surfaces / underground concrete - 3-8m² / L

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Coverage depends on the absorbency of the surface.

The surface should have a uniform shine and wetness. Allow sealer to penetrate surface for approximately 20 minutes then thoroughly wipe surface with dry cloth to remove any excess sealer. Denser material may require more time to penetrate. Do not allow excess sealer to dry on surface as residues may then need to be mechanically removed.

If a darker finished is required or for highly absorbent surfaces, repeat the application / wiping process within 1 hour.

Once surface is touch dry, buff with a medium stripper / buffing pad or by hand with clean cloth.

Avoid foot traffic for 6-8 hours after application. Full cure is achieved after 24-72 hours. **Do not apply additional coats once the product has cured.**

Application temperature: The temperature of the surface to be coated should be between 10°C and 35°C. Avoid direct sunlight during application.

Clean-Up

Clean equipment with white spirits or xylene and allow to dry in a well-ventilated area prior to disposal. **NOTE:** Rags and equipment that are wet with product or white spirits are flammable

Re-use of micro-fibre pads and applicators is not recommended as uneven application may occur due to cured material.

Maintenance

Ensure floors are only cleaned with neutral cleaners. The durability depends on the maintenance products used. Strong degreasing agents, acid, alkaline and layer forming products are not suitable. If correct maintenance is followed the enhancer should protect for up to 7 years. Recoating within this period is recommended.

Limitations

Some stones absorb unevenly which may result in a cloudy/patchy appearance. Glass, polishes, plastics, varnish and other surfaces sensitive to solvents must be protected against splashes. Non-absorbent and wet surfaces cannot be impregnated. Marble and limestone remain sensitive to acid.

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

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