

Technical Data Sheet

FORTIS CONCRETE SHEILD™ ACRYLA POLISH

FEATURES

- High Solids
- Non-yellowing
- Clear gloss finish
- Wet-look
- Resistant to oil, grease, dust & dirt
- Excellent durability
- Trafficable
- Low Odour
- Eco friendly
- VOC free

TYPICAL APPLICATION

It can be used for Terrazzo, burnished & polished internal floors. It can also be used as a refresh coat to Fortis Concrete Shield Acryla Seal.

TECHNICAL DATA

Colour: Opaque liquid (Dries Clear)
Application temperature: 10 to 35°C
Coverage: 20-40 m²/ L
pH: 8.0-9.5
Pack size: 5L, 15L
Shelf Life: 12months @ 25°C unopened



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FORTIS CONCRETE SHEILD™ ACRYLA POLISH is a premium grade fast drying water based acrylic polyurethane sealer. It provides a highly durable and protective gloss 'wet-look' layer leaving the concrete substrate resistant to oil, grease, dust, dirt and is ultra-durable from wear in high traffic areas.

SURFACE PREPARATION

When using Acryla Polish for the first time, or on a new floor always test a small inconspicuous area with a 24-hour cure time to determine ease of application and desired results.

Make sure surface is clean, free of waxes, coatings, and previous sealers, and is dry for 24 hours.

Clean surface with minimum 2000psi pressure washing.

Heavily solid/dirty surfaces will require a light acid clean such as 20:1 mix of HCl diluted in water.

Mix 20parts water with 1part HCl. Rinse well after cleaning and allow 24hrs drying time before application of the Acryla Polish.

Surface temperature should be between 10°C and 35°C. Ensure that the area is well-ventilated during cleaning & application and until the surface is dry.

APPLICATION

Apply a thin uniform layer of Acryla Polish with a lamb's wool applicator or roller brush.

Allow 2 hours drying time (25°C & 65% humidity) or wait until the entire area is touch dry before application of additional coats.

Apply subsequent coats in the same manner and if preferred machine buff after applying the 3rd or 4th coats ensuring the floor has had at least 4 hours to dry.

Recommended between 4 – 6 thin coats on high traffic areas and 2 – 4 coats in low traffic areas.

For optimum results after 4 hours and before 24 hours you should thoroughly burnish the floor with a high-speed polisher (Poli-vac or similar) using a hard high speed animal hair pad.

Ensure sealer is not applied too thick and is applied evenly. Do not allow any pooling to occur.

Full cure is achieved after 24–72 hours. Avoid any foot traffic for 6–8 hours after application.

PLEASE NOTE: This product can cause decreased slip resistance for wet areas such as paving surrounding pool areas etc. It is subsequently not recommended for areas frequent to water exposure.

Disclaimer

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MAINTAINANCE

A recoating is recommended every 2 years and may be necessary more frequently in very high traffic areas. For previously polished floors make sure you create clean and smooth surface prior to application. Remove any uneven surfaces of polish accumulation as well as any deep scratches or ingrained soil. When applying Acryla Polish to already sealed concrete if the previous coat is not Acryla Polish or Acryla Seal the floor should be tested to confirm if the existing sealer is suitable to be resealed over.

PLEASE NOTE: If the previous coat was Acryla Seal but it was applied over 3 years prior cross-hatch test is recommended.

THE CROSS-HATCH TEST

Select a high traffic area of the floor and Apply the sealer, as per the application instructions below, to a 1m² area. Use a sharp blade to cut a light "cross-hatch" pattern through the sealer. Place a piece of clear self adhesive packing tape over the cross-hatch area. Press firmly for maximum adhesion and remove sharply. Repeat with fresh tape several times. If sealer is present on the tape, the sealer should be completely stripped from the surface prior to coating the floor. If there is no sign of sealer adhering to the tape or delaminating from the surface, the bond of the existing sealer is sufficient for resealing.

PLEASE NOTE: if current sealer shows signs of whitening or blooming, regardless of cross hatch test results, sealer may need to be stripped completely from the surface. Whitening may reoccur if new coat of sealer is applied over this problem.

SAFETY

Please refer to Material Safety Data Sheet prior to use.

For further information, refer to the Fortis website www.fortisadhesives.com.au