

## TECHNICAL DATA SHEET

# ACRYLA POLISH – Premium fast drying Acrylic Polyurethane sealer

ISSUED: January 2015

## INTRODUCTION

### ACRYLA POLISH – Premium fast drying Acrylic Polyurethane sealer

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.

### USE

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

### FEATURES

- High Solids
- Non-yellowing
- Clear Gloss finish
- Wet-look, enhances the natural colours of the substrate.
- Resistant to oil, grease, dust and dirt
- Excellent durability and wear resistance for high traffic areas
- Commercial & Industrial internal use.
- Low odour and with no hydrocarbon solvents.
- Eco Friendly & VOC Free.

### TECHNICAL DATA

Application Temperature	> 10°C & < 34°C
Colour	White liquid – Dries Clear
pH	8.0 - 9.5
Coverage Rate	Approx. 20-40m <sup>2</sup> / Lit
Clean up	<b>Wet:</b> water/soap <b>Dry:</b> Mechanically
Pack Size	5L, 15L
Shelf Life	12 months unopened, store in cool, dry conditions

## APPLICATION

### 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 Hydrochloric Acid (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.

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## APPLICATION CONTINUED

- Apply a thin uniform layer of **Acryla Polish** with a lambs 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.

### RECOATING

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, a 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 1m<sup>2</sup> 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 DATA

Avoid contact with skin and eyes and avoid breathing the vapour or spray mist. Store under cover, out of direct sunlight and in a well ventilated area. Please refer to Fortis Safety Data Sheet . Acryla Polish is safe if good working practices and proper application equipment is used. Good industrial hygiene should be observed at all times – Appropriate PPE should be worn including impervious gloves & eye wear.

### First Aid

**Eyes:** If splashed in eyes, flush with water for 15min. Seek medical advice.

**Skin:** Wash affected area with soap and water.

**Inhalation:** If mists are inhaled, remove patient to fresh air. Seek medical advice.

**Swallowed:** Do NOT induce vomiting. Give milk or water to dilute. Seek medical advice.

For further information please refer to the Fortis Safety Data Sheet for this product.

### Disclaimer

*Fortis products should be used in accordance with the information contained here. Each user should read and consider this information carefully in the context of how the products will be handled and used in the workplace including in conjunction with other products. While the information contained here is to the best of our knowledge at the date of publication, Fortis makes no representation about the accuracy of the information. If you need clarification or more information, you should contact Fortis Adhesives & Coatings office directly. Fortis products are sold without express or implied warranties, other than as provided by statute, and subject to our standard terms and conditions (provided to customers and available on request). Subject to our standard terms and conditions, and any statutory provisions, Fortis accepts no responsibility (including in negligence) for loss or damage of any nature resulting from the use of Fortis Adhesives & Coatings products or reliance upon the information contained here*