

RESIDENTIAL
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SHIMICOAT
SURFACE SOLUTIONS



Slip Resistant Epoxy Flake Floor *An Installation Guide*

Grit sizes offered in accordance to Australian Standard R9-R13

Slip Resistant Xtra Grip Materials are fine white granules used to increase slip resistance on floors when used in conjunction with resinous and solvent-based coatings. Slip Resistant Xtra Grip can be applied while applying Ultra Clear Epoxy TOPCOAT 2A:1B. Slip Resistant Clear Epoxy floor shall be applied in situations where you desire to maintain the look of your surface. This system can be applied with Clear Epoxy, Tinted Epoxy or even in combination with Flake floor or Metallic finish surface.

Products and Materials

- Epoxy Resin – Clear or Tinted Epoxy
- Xtra Grip SlipRes Materials or SlipRes Ceramic
- Diluent / Thinner

Tools:

- Electric mixer or stick for missing resin
- Brush and Rollers
- Extendable Handle / Pole
- Vacuum or blower to clean up the surface
- Spike Shoes (if you need to walk over the wet resin surface)

Advantages:

- Ideal Slip Resistant floor for many applications.
- Generally, increases abrasion resistance of solvent based coatings.
- Does not detract from aesthetic appeal of most decorative surface.
- Similar to metal enforcement in concrete matrix, Slip Resistant Xtra Grip increases the durability of your surface coating materials known as Ultra Durability Plus (UDP)



MATERIALS



CHEMICALS



RESINS



EQUIPMENT

Installation:

Surface Preparations:

1. Prepare the surface in accordance to SHIMICOAT surface preparation manual to ensure ideal bonding.
2. Ensure the surface is perfectly clean and free of oil and grease.
3. Vacuum and/or blow out to remove dust from the surface.
4. Tape all around the walls and cover all surfaces that you wish NOT to be epoxy coated.

NOTE: For further information on surface preparation, please refer to our brochure, website or contact Shimicoat technical representative.

Epoxy Coating:

1. Once the surface is prepared and you are set for coating application, commence mixing resins.
2. Mix Part A with Part B in accordance to label instruction. Premium Tinted Epoxy shall be mixed at 3A:1B by volume. Tinted Epoxy shall be used at 3A:1B (by volume) blend ratio.
3. Ultra Clear Epoxy shall be used at 2A:1B (by weight or volume) blend ratio. Please read label instruction for mix ratios.
4. Now you are on the clock, half an hour to complete coating application.
5. Apply to the surface using a roller or brush, depending on the size of your surface. Use brush/baby roller to coat over the edges and corners.
6. Using a Fertilizer Spreader or a similar tool to sprinkle Xtra Grip Slip Resistant granules over the entire surface.
7. You can use your roller to go over the surface again (without epoxy) just gently over the entire surface to maintain uniformity of the finish surface.
8. Let it cure overnight (8-20 hours depending on temperature).
9. Feel free to apply another clear topcoat epoxy over the surface.

NOTE: Add Epoxy Diluent or Xylene up to 5% to thin the product, only if required and only for the first coat. During winter, you may need more thinner/diluent to reduce product viscosity, for ease of application.

For further advise, please contact technical team at Shimicoat or refer to product brochure or our website.

Waning:

1. Always use Epoxy for indoor surfaces out of direct sunlight, as yellowing may occur if exposed to UV radiation
2. For outdoor surfaces, use SHIMICOAT Polyurethane or Acrylic Resin as topcoat.

End of Procedure.

