

# SWIRL COAT SYSTEM

HIGH GLOSS, UV STABLE 4 COAT SEAMLESS EPOXY SYSTEM



## PREPARATION

- Ensure the concrete is sufficiently cured to the recommended minimum of 28 days from completion.
- Diamond grind or Polyvac the substrate. The surfaces must be clean, dry, and free from all traces of loose material, old coatings, curing compounds, release agents, laitance, oil, and grease, etc. This must be completed by diamond grinding or a suitable cleaning method.
- To check that all traces of oil and other contaminants have been completely removed, sprinkle a few drops of water over the surface. If all water is quickly absorbed, the surface is sufficiently oil and grease-free.
- If water forms into globules that remain on the surface, further thorough treatment of the substrate is necessary.
- Substrate compression strength should be at least 25MPa, cohesive bond strength at least 1.5MPa, and moisture content below 4%.
- Repair and fill cracks with EPO100EP Epoxy Putty or Concrete Repair Kit.

**The surface must be dry before the application of the product.  
Acid or wet etching is not recommended.**

## PRIME COAT

- Apply a prime coat of EPO100T® Tinted Epoxy at a rate of 6m<sup>2</sup>/L, 10% of 150 Epoxy Thinners is recommended depending on the substrate.
- Leave to cure for approximately 24 hours or until touch dry.

## BASE COAT

- Apply a second coat of EPO100T® Tinted Epoxy at a rate of 6m<sup>2</sup>/L, 10% of 150 Epoxy Thinners is recommended depending on the substrate.
- Leave to cure for approximately 24 hours or until touch dry.
- Check the surface has been entirely sealed to prevent bubbles and pinholes in the Swirl Coat. If in doubt, apply an additional coat of EPO100T® Tinted Epoxy at the same coverage rate.

**If applying a second coat more than 72 hours after the prime coat, lightly sand the floor prior to application.**

## SWIRL COAT

### SWIRL COAT - BASE:

**This will be the dominant colour on your floor.**

- Mix EPO100G® Epoxy Glaze as per specifications and add desired 350E Epoxy tint colour at 10%. 3L of 350E Epoxy Tint per 30L of EPO100G® will achieve high opacity.
- While wearing spike shoes, pour the Swirl Coat Base mix at a rate of 1m<sup>2</sup>/L. Spread using a roller or squeegee.

### SWIRL COAT - HIGHLIGHTS:

**Applied to the wet swirl coat base.**

- Mix EPO100G® Epoxy Glaze as per specifications and add desired 350E Epoxy tint colour at 10%.
- While wearing spike shoes, apply to a wet Swirl Coat Base your Swirl Coat Highlights. Apply the Swirl Coat Highlights as desired. Highlights do **NOT** need to be applied at 1m<sup>2</sup>/L. Swirl Coat Highlights can be applied using a squeeze bottle or stirring stick.
- Blend Swirl Coat Highlights with Swirl Coat Base using a squeegee and or battery blower.
- Leave to cure for approximately 24 hours or until touch dry.

**\*DO NOT USE THINNERS ON THIS COAT\***

**If applying the Swirl Coat more than 72 hours after the base coat, lightly sand the floor prior to application.**



Refer to individual TDS & SDS for mixing instructions, pot life, recommended PPE during preparation & application of products.

# INSTALLATION INSTRUCTIONS

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### OPTIONAL HIGH GLOSS CLEAR COAT

- While wearing spike shoes, apply the high gloss coat of EP0100G® Epoxy Glaze at a spread rate of 6-8m<sup>2</sup>/L. Apply with a lint free roller.
- Leave to cure for approximately 24 hours or until touch dry.

### UV TOP COAT

- Apply a top coat of Sparta60 Polyaspartic at a rate of 6-8m<sup>2</sup>/L.
- Leave to cure for approximately 24 hours or until touch dry.
- Full chemical cure in 7 days.

**Coverage rates may vary depending on the porosity of the substrate.**

**If applying a second top coat more than 72 hours after the entrapment coat, lightly sand the floor prior to application.**



Refer to individual TDS & SDS for mixing instructions, pot life, recommended PPE during preparation & application of products.