



INSTALLATION INSTRUCTIONS

PLAIN COAT SYSTEM

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

1 Preparation

- Ensure the concrete is sufficiently cured to the recommended minimum of 28 days from completion.
- Diamond grind the substrate. The surfaces must be clean and dry, 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.

2 Prime Coat

- Apply a prime coat of EPO100T® Tinted Epoxy at a rate of 6m²/L, 10% of 150 Epoxy Thinners is recommended depending on the substrate.
- Leave to cure for approximately 24 hours or until touch dry.

If applying a second coat of epoxy more than 72 hours after the prime coat, lightly sand the existing coat prior to application.

3 Base Coat

- Apply a second coat of EPO100T® Tinted Epoxy at a rate of 6m²/L, 10% of 150 Epoxy Thinners is recommended depending on the substrate.
- **Optional Glitter** - While the coating is still wet and wearing spiked shoes, broadcast Holographic Resi Glitter up and out evenly. Avoid throwing the glitter directly at the floor as you will experience clumping.
 - Holographic Resi Glitter: 100g/50m² or to desired outcome.If including Glitter, both UV Top Coats are required.
- Leave to cure for approximately 24 hours or until touch dry.

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

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Optional - High Gloss Clear Coat

- Apply the high gloss coat of EPO100G® Epoxy Glaze at a rate of 6m²/L with 20% 150 Epoxy Thinners. Apply using a lint free roller.
- Leave to cure for approximately 24 hours or until touch dry.

If you are applying the high gloss clear coat, we would recommend applying the two UV Top Coats.

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

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Optional - First UV Top Coat

- Lightly sand the floor with 180 grit sandpaper. If using a polyvac, ensure you are using sandpaper, not sanding screens. Sanding screens may cause contamination to the surface.
- Apply the first UV Top Coat.
 - Option: 500T Tetrathane® at a rate of 4m²/L, leave to cure for approximately 24 hours or until touch dry.
 - Option: Sparta60 Polyaspartic at a rate of 4m²/L, leave to cure for approximately 4 hours or until touch dry.

If applying a second top coat of Sparta60 Polyaspartic more than 24 hours or Tetrathane more than 72 hours after the entrapment coat, lightly sand the floor prior to application.

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Optional - Second UV Top Coat

Ensure the same product is used for both the Entrapment and UV Top Coat.

- **Optional Slip Resistance** - Mix Dimple into your top coat at a rate of 250g/20L. If using Sparta60, add 20% Epoxy Thinners (e.g for 20L of Sparta60, use 250g of Dimple and 4L of Epoxy Thinners).
- Apply the second UV top coat.
 - Option: 500T Tetrathane® at a rate of 6m²/L.
 - Option: Sparta60 Polyaspartic at a rate of 6m²/L.
- Leave to cure for approximately 24 hours or until touch dry.
- Full chemical cure in 7 days.

Dimple can not exceed 500g per 20L.

Independent slip testing is to be conducted after application to provide certified documentation that the coating meets or exceeds the required slip rating.

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