

INSTALLATION INSTRUCTIONS

HYPER FLAKE SIGNATURE SERIES

DIAMOND FINISH

ULTRA HIGH GLOSS



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 6m²/L, 5% of 150 Epoxy Thinners is recommended depending on the substrate.
- Leave to cure for approximately 24 hours or until touch dry.

BASE COAT AND HYPER FLAKE SIGNATURE SERIES BROADCAST

- Mix the Hyper Flake Signature Series together in the box or bucket prior to your broadcast to allow for flakes and fines to be even throughout the dry mix.
- Apply a second **THIN** coat of EPO100T® Tinted Epoxy at a rate of 6m²/L, 10% of 150 of Epoxy Thinners is recommended depending on the substrate.
- Wearing spike shoes and whilst the coating is still wet, broadcast the Hyper Flake Signature Series up and out evenly until refusal, avoid throwing the flake directly at the floor as you will experience clumping.
 - Hyper Flake Signature Series coverage: 8 - 12m²/4.5kg box.
- Leave to cure for approximately 24 hours or until touch dry.

**If applying a second coat more than 72 hours after the prime coat, lightly sand the floor prior to application.
If the base coat of EPO100T® is applied too thick the 'fines' of the Hyper Flake Signature Series will be swallowed by the epoxy, causing the finish to be uneven. The application is based on a full broadcast of Hyper Flake Signature Series.**



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

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ENTRAPMENT COAT

- Heavily scrape the surface to knock off any sharp flake.
Do not sand the Hyper Flake Signature Series prior to the entrapment coat.
- Use a garden blower or vacuum to remove excess and unbound flake from the surface.
- While wearing spike shoes, apply the entrapment coat of EPO100G® Epoxy Glaze at a spread rate of 1m²/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 500T Tetrathane® at a rate of 6-8m²/L.
- Alternative option: Sparta60 Polyaspartic at a rate of 6-8m²/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 top coat more than 72 hours after the entrapment coat, lightly sand the floor prior to application. 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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