



INSTALLATION INSTRUCTIONS

METALLIC MARBLE®

Coverage rates may vary depending on the porosity of the substrate.
This application is recommended for experienced installers only.

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 APC Concrete Repair Kit.
- Mix the night before and let stand for 24 hours, then mix again.
- Mix in one bucket, then pour into the next bucket and mix again.
- Dustproof and clean the entire area, including walls, ceilings, fans, screens, doors and windows.
- Wear a Hazchem suit with a beard cover.

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 APC 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 APC 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 Metallic Marble Coat. If in doubt, apply an additional coat of EPO100T® at the same coverage rate.

If applying the Metallic Marble® Coat more than 72 hours after the base coat, lightly sand the floor prior to application.





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4 Metallic Marble Coat

- Mix EPO100G® Epoxy Glaze as per specifications and add desired Metallic Tint colour at a rate of 1L Metallic Tint per 30L of EPO100T® to achieve high opacity.
- While wearing spike shoes, pour the Metallic Marble® mix at a rate of 1m²/L. Additional pours of different tints can be done to achieve different finishes.
- Spread the Metallic Marble® mix using a lint free roller, squeegee or trowel.
- Leave to cure for approximately 24 hours or until touch dry.

Do not use thinners on this coat.

If applying the next coating more than 72 hours after the Metallic Marble® Coat, lightly sand the floor prior to application.

5 Optional - High Gloss Clear Coat

- While wearing spike shoes, apply the high gloss coat of EPO100G® Epoxy Glaze at a rate of 6m²/L. Apply using a lint free roller.
- Leave to cure for approximately 24 hours or until touch dry.

6 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 of Sparta60® Polyaspartic at a rate of 6m²/L. Apply using a lint free roller.
- Leave to cure for approximately 4 hours or until touch dry.

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

7 Second UV Top Coat

- Apply the second UV top coat of Sparta60® Polyaspartic at a rate of 6m²/L. Apply using a lint free roller.
- Leave to cure for approximately 24 hours or until touch dry.

This should only be applied by an experienced installer.





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Optional - Satin or Matte 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 a coat of Liquathane® (for a satin finish) or Liquathane® Matte at a ratio of 7-8m²/L, making sure to get even coverage over the entire floor.
- Full chemical cure in 7 days.

Liquathane® and Liquathane® Matte are not suitable for areas with vehicle traffic.

