

Installing SureFlake Seamless Epoxy Flooring

Prime Coat – SurePrime. Approx coverage = 7-8m² per ltr

Epoxy Base Coat – SureFloor HS, Do not thin. Approx coverage = 5m² per ltr

Flake – Divide the area m² by 2.5 to obtain the kg needed. Approx coverage per box is 12m² per box

Top Coat - 1st coat of SureFloor PU Polyurethane approx 5m²/ltr

Top Coat - 2nd coat of SureFloor PU Polyurethane approx 7-8m²/ltr

(Recommended – 2 top coats for domestic and 3 top coats for commercial.)

Allow 4-10 hours drying time between polyurethane top coats.

Do not drive on for a min of 2 weeks, and then put protection under the tyres for a further 2 weeks.

1. Ensure the concrete substrate is clean & free of any contamination. Mechanically prepare the concrete by either diamond grinding or sanding. Moisture test the surface to ensure it conforms to Australian Standards of 75% relative humidity. Install Moisture Proof (as per manufacturers recommendations) if readings exceed the Australian Standard.
2. Mask up the surrounding skirting's etc. Check for porosity of the concrete and apply SurePrime epoxy primer. Allow approx. 3-4 hours to dry, weather dependant.
3. Mix epoxy (mix 2 mins, allow to rest 1 min and then mix again for 1 min) and roll using a medium nap roller. Ensure even coverage of the entire substrate.
4. Before the epoxy begins to dry, walk back over the epoxy in spike shoes, broadcasting flake chips evenly & liberally into the epoxy ensuring that no bare patches are left.
5. Allow the epoxy and flake to harden for 14-20 hours.
6. Sweep up any excess large flake and keep for future projects. Give the floor a very light hand sand or scrape to flatten any flake that is standing up. Sweep and vacuum, do not keep this contaminated flake. Remove tape from skirting edge.
7. Ensure the floor is completely free from any loose flake etc and proceed with the 1st coat of polyurethane. Pour into a roller tray and roll using a 10mm lamb's wool roller cover cut into the edges using a brush and roll apply evenly at the approx rate of 6m²/ltr without leaving any puddles. Allow a minimum of 4-10 hours drying time between coats.
8. When the 1st coat of polyurethane is completely dry proceed with subsequent coats, rolling at 45 deg. angles to the previous. Ensure adequate drying times between coats. (If more than 12 hours passes before re-coating, ensure to sand the polyurethane prior to applying another coat.)

Where there is any odour issue, replace the solvent based polyurethane with water based polyurethane.

A higher build may be obtained using a clear 100% solids epoxy top coat, however always ensure to put 2 coats of UV stable polyurethane over the top.

* The above information is to be used as a guide only and Con-Treat accepts no responsibility for any consequence resulting from the advice contained herein, or

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