



## A Guide to Installing Seamless Epoxy Flooring...

Epoxy - Grey, Beige or White,

Prime Coat – Epoxy primer or thin epoxy with xylene

Epoxy Base Coat – Do not thin. Approx coverage = 5m<sup>2</sup> per ltr

Flake – Divide the area m<sup>2</sup> by 2.5 to obtain the kg needed. Approx coverage per box is 10m<sup>2</sup> per box

Top Coat - 1st coat of Polyurethane approx 6m<sup>2</sup>/ltr

Top Coat - 2nd coat of Polyurethane approx 8m<sup>2</sup>/ltr

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

Allow 6-12 hours drying time between coats.

Do not drive on for min 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 70% relative humidity. Install Moisture Fix (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 if it is too porous apply an epoxy primer or a coat of thinned epoxy. Allow approx. 3-4 hours to dry.
3. Mix epoxy (as per manufacturer's recommendations) and roll using a medium nap roller. Ensure complete and 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 12-24 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 1<sup>st</sup> 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 6m<sup>2</sup>/ltr without leaving any puddles. Allow a minimum of 3-6 hours drying time between coats. (Hint - Never apply moisture cured coatings when the relative humidity exceed 75 %.)
8. When the 1<sup>st</sup> 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.**

When using a clear epoxy, use a 19mm lamb's wool roller and a tray to apply. Do not let puddle.

Do not thin a clear epoxy top coat.

Allow 2 days before allowing foot traffic.

\* 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 verbally.

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