

Resin Bound Surfacing Instructions

These instructions will help you apply your Ultrabind resin bound system. This advice is intended for quick reference only. Resin bound surfacing over large areas may require help from a professional. Always refer to material safety data sheet before handling or mixing Ultrabind products and ensure correct PPE is used.

Professional Application (7kg units)

You will need:



Forced Action Mixer



Flat trowel



Dried Aggregate



Ultrabind Resin Binder

- 1. Prepare the surface:** The surface should be clean, dry, and free of any debris. You may use a high-pressure washer to clean the surface thoroughly, but must allow it to **dry completely before commencing application**. For application onto concrete, we recommend use of Ultrabind PrimeX.
- 2. Prepare the mixer:** Set up the forced action mixer according to the manufacturer's instructions. Ensure that the mixer is clean and free of any debris before use.
- 3. Add the aggregate:** Add the aggregate to the mixer, ensuring that it's the correct amount for the surface area you're covering. Typically this would be 3 x 25kg bags of 2-5mm aggregate and 1 x 25kg bag of 1-3mm aggregate.
- 4. Mix the resin binder:** The resin comes in two parts: Part A, the resin and Part B, the hardener. If using Ultrabind Catalyst, use the dosing pump to add to your Part A before mixing with Part B. Pour all of Part B into Part A and mix on a slow speed for 90 seconds until fully blended. It's important to mix the resin thoroughly to ensure a consistent finish. Once mixed, immediately pour into your mixer vessel, taking care to scrape all resin from the sides of the bucket.
- 5. Mix the aggregate and resin:** Turn on the mixer and mix the aggregate and resin together until it's evenly coated. This should take a two to three minutes. Consistent mixing times between batches is key to an even colour finish.
- 6. Pour the mixture:** Once the mixture is ready, dispense into buckets or wheelbarrow ready for pouring. Then, pour it onto the surface and use a trowel to spread it out evenly. Work in sections, starting at one end of the surface and working your way across.
- 7. Tamp the mixture:** Use a clean trowel or tamping tool to tamp the mixture down, ensuring that it's compact and level. Repeat the smoothing process, applying even pressure through your trowel to achieve a flat surface. Remember to keep your trowel clean and lubricated for the best finish. We recommend use of Ultrabind Glide for best results.
- 8. Repeat the process:** Repeat the above steps until you have covered the entire surface area.
- 9. Allow to dry:** Leave the surface to cure for at least 12-24 hours. It must be protected from moisture during this time, so aim for clear weather. During this curing time, avoid walking on the surface or placing any heavy objects on it.
- 10. Clean up:** Clean up any excess resin using a scraper or a stiff brush.

Finishing: Once the resin has fully cured, you can add a final finishing layer using Ultrabind Seal to give it a smooth and polished finish. This step is optional and can be skipped if you prefer a more natural, textured look.