

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.

DIY Application (1.6kg units)

You will need:



Mortar drill and paddle



Flat trowel



Mixing vessel



Dried Aggregate



Ultrabind DIY
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**. If applying to concrete we recommend use of Ultrabind PrimeX for best results. For weaker substrates, you may need to use a grid system.
- 2. Prepare your units and equipment:** The key to success with resin bound is planning. Before you mix, ensure you have identified each component of your kits and have the equipment you will need ready. You may wish to designate a 'mixing area' using waste cardboard or tarpaulin nearby to the surface you are applying to. This will help clean up any spilled material. Note cured resin may stain surfaces and can be difficult to remove.
- 3. Pour the aggregate:** Add your aggregate into your mixing vessel, ready to add resin. Clean, dry 55L flexible buckets are ideal for this process. Ensure aggregate is completely dry, you must use kiln dried aggregates for resin bound. You'll receive 25kg of dried aggregate for each 1.6kg resin unit.
IMPORTANT: Do not attempt to mix more than 25kg per batch of resin bound.
- 4. Mix the resin:** The resin comes in two parts: Part A, the resin and Part B, the hardener. 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 mixing vessel.
- 5. Mix the aggregate:** Pour your resin mixture onto the aggregate and mix thoroughly using your mortar drill (1200W+) and paddle for 90 seconds until it's evenly coated. Tip: keep mixing times consistent between batches to achieve best results.
- 6. Pour the mixture:** Pour the mixture onto the surface and use a trowel to spread it out evenly with a side to side motion. Work in sections, starting at the far end of your surface and working your way back. Ensure the mixture is level and even.
- 7. Smooth and compact:** Using a clean trowel, apply firm pressure working in a front to back motion (90° to your levelling direction) to compact the mixture, ensuring you smooth over any ridges or uneven sections. You may wish to leave a non-compacted, 'fluffy' wet edge closest to you, allowing you to join your next batch seamlessly. Light lubrication of your trowel using Ultrabind Glide will make this process much easier.
- 8. Repeat the process:** Repeat the above steps until you have covered the entire surface area. Keep the trowel clean and lubricated as you work for best results.
- 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 and suitable cleaning solvent.