

## JOB IN A BOX

**PLEASE READ INSTRUCTIONS FULLY BEFORE STARTING YOUR PROJECT.**

**If you have any questions, please email [helpdesk@alliedfinishes.com](mailto:helpdesk@alliedfinishes.com) or call 1800 033 444.**

### Preparation:

Preparation is the most important part of the project. Poorly prepared floors will cause failures and void the Allied Finishes warranty. Allied Finishes has a range of floor repair items to repair corroded, cracked and damaged areas, and also carries crack fillers for filling hairline and larger sized cracks. Contact us for proper floor repairs if you have large cracks prior to coating.

#### New or Unpainted/Unsealed Concrete:

Note: Newly poured concrete must 'cure' first. Moisture in the floor may cause coating failure. New concrete normally has to cure generally at least 30 days. Test any concrete to be coated by taping a 4' x 4' sheet of clear plastic on the floor with duct tape. If moisture under the plastic sheet or floor dampness/darkening appears the next day, then do not coat yet. Older concrete with moisture issues can also create problems. If you have a continuing moisture problem then we recommend doing an inexpensive moisture test (we sell these test kits) and using either a standard primer or a moisture barrier primer. Call or email for details and technical advice.

#### The floor must be properly prepared to accept the coating by one of several methods:

- Sweep and/or power wash the floor to remove any dirt, dust and debris.
- Sanding-Sand the floor with a rotary type sander (similar to a buffer). This roughens up the floor. Vacuum well to remove any dust.
- Surface Grinding: You can rent a diamond head floor grinder or 'shot blaster' from Allied Finishes Hire. Contact **02 6351 3976** for more details. These methods work well for removal of old paint and sealers and 'open up' the surface very well for adhesion. Make sure to vacuum very well to remove any remaining dust.

#### Sealed Concrete:

Often when concrete is poured the contractors either add in or apply a clear sealer. This can create adhesion problems with a floor that is going to be painted or coated. To test to see if your floor has been sealed, dribble a few drops of water on it. If it does not 'bead up' and 'soaks in', then most likely it's not sealed. If it does bead up then you need to re-etch at a higher acid concentration or grind the floor per above, and then test with water droplets again. If it still beads up then repeat as necessary. Failure to do this could result in significant floor failures.

#### Painted Concrete:

Painted concrete ideally should be stripped prior to painting, and then etched per above once stripped. **EasyCoat can only adhere to what is under it, so if your existing coating is coming up, then so will EasyCoat.** Allied Finishes has their own range of floor strippers, however it is not recommended that our customers undertake these solutions unless experienced. Contact Allied Finishes for more information - 1800 033 444.

### Application:

#### Allied EasyCoat Flooring System:

The Allied EasyCoat Flooring system consists of two (2) layers of EasyCoat (the additional 4L kits are for a second base layer if required). For each 20L kit, there is a part A and B. Do not mix until ready to start & instructed to do so.

### **Allied EasyCoat Primer:**

Prime floor with Allied EasyCoat Primer. Please note the mixing ratio for the primer is 1:1, meaning you will mix 1 part of A with 1 part of B. Mix thoroughly for 1-2 minutes using a mechanical mixer, and apply with a medium nap roller or brush. Once applied, allow the primer coat to cure for at least 6 hours.

### **Allied EasyCoat Base:**

Apply a heavy Base Coat using the Allied EasyCoat Base product. Again, mixing ratio for the base is 1:1, meaning you will mix 1 part of A with 1 part of B. Mix thoroughly for 1-2 minutes using a mechanical mixer. Be sure to mix completely moving the mixer along the sides and bottom of the bucket, as any un-mixed material may not cure. Once mixed, pour the epoxy onto the primed floor, then begin rolling/brushing the base coat across the area using medium nap rollers or brushes until evenly dispersed.

### **Non-Slip Finish (Optional):**

If you are wanting to achieve a non-slip finish, then broadcast the Allied Kiln Dried Silica into the wet epoxy coat to full coverage. The aim is to achieve a fully beached (covered) surface. If surface was broadcasted with kiln dried silica, then vacuum or sweep all excess silica off the surface prior to the application of Allied EasyCoat Topcoat.

### **Allied EasyCoat TopCoat:**

Apply an even Topcoat of Allied EasyCoat Topcoat to the floor. Again, mixing ratio for the base is 1:1, meaning you will mix 1 part of A with 1 part of B. Mix thoroughly for 1-2 minutes using a mechanical mixer. Be sure to mix completely moving the mixer along the sides and bottom of the bucket, as any un-mixed material may not cure. Pour the mixed topcoat product into one of the supplied paint trays, and then evenly roll the topcoat out onto the beached surface using medium nap rollers or brushes. Once complete, allow the floor to dry overnight for light foot traffic. Heavy vehicle traffic and usage, such as forklifts, pallet jacks, etc, should be avoided where possible for 5-7 days or until fully cured. Please note these cure times are dependent on temperature and humidity. Consult the Allied Finishes team for exact timeframes on curing.

### **DISCLAIMER:**

No two floors are alike and variations in surface texture, porosity, and concrete type can all affect the final results. Allied Finishes Products are designed to be used as recommended but results may vary based on field conditions, and may require particular products or additional coats or products to achieve desired results. For this reason, liquid samples are available at nominal cost for advance testing to assure that your purchase yields a satisfactory result based on your expectations.

