

Product Data Sheet:

GRAVEL BONDING RESIN

FOR RESIN BOUND & RESIN BONDED GRAVEL

5KG kit

Clear

A HIGH-TECH UV STABILISED EPOXY RESIN SPECIFICALLY DESIGNED AS A BINDER FOR PIGMENTED QUARTZ, PVA FLAKES AND OTHER MINERALS

Resin bound paving combines the benefits of both solid and gravel surfaces that allow water to drain through into the ground. When rain falls onto a paved surface, it has to drain away or water flows across the surface forming pools, adding to flood risk and surface cracking. Loose gravel surfaces avoid this issue but can be messy and difficult for pushchairs and wheelchairs. Resin bound surfaces offer the best of both worlds

- UV resistant formulation
- Easy Maintenance
- Attractive Finish
- Suitable for Concrete, Screeds, Asphalt & Tarmac surfaces

Surface Preparation

Ensure surfaces are clean, dry, sound and free from oil or contaminants, the gravel should also be completely dry before mixing.

Mixing

Mix each component individually, then pour the hardener into the resin and mix for 3 minutes using an electric drill & mixing paddle or wide bladed tool, working around the sides and base so all liquid is incorporated to ensure thorough and complete mixing.

Application

Best results are obtained in ambient temperatures (15°C or above). Not recommended for use with white aggregates as epoxy can discolour over time.

RESIN BOUND – Add the gravel and mixed resin at a ratio of 100 gravel to 7.5 resin and ensure its thoroughly mixed. apply to the area as required using a toothed rake and trowel as required.

RESIN BONDED – Apply a layer of mixed resin to the prepared surface at a rate of 1kg per m² and cover with loose aggregate. Use a soft broom to push-in and sweep the gravel to the bare patches of resin. This process also helps to bed and secure the gravel. Once cured, the remaining loose stones can be removed by sweeping the surface. Thickness is governed by the aggregate size. i.e 1-3mm aggregate will have a nominal depth of 4mm. With resin bonded gravel surfaces it is important that proper drainage is allowed for.

CURING TIMES @ 20°C:

Light Traffic 24 hours

Full use 48 hours

Full cure 5 – 7 days

COVERAGE:

Resin Bound: 5kg resin kit mixed with 100kg of aggregate will cover 3.5-4m² @15-18mm thick

Resin Bonded: 1kg resin per m² @ 1mm thick

POT LIFE:

40 minutes @ 15°C

SHELF LIFE:

One year in sealed containers.