

Product Data Sheet:

GRAVEL BONDING RESIN

FOR RESIN BOUND & RESIN BONDED GRAVEL

7.5KG kit

Clear

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

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 paving combines the benefits of both solid and gravel surfaces as they create many small gaps that allow water to drain through into the ground.

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

HOW TO USE IT:

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 the resin and hardener individually and mix for 3-5 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.

Not recommended for use with white stones or aggregates as all epoxies will discolour over time.

Application

Best results are obtained in ambient temperatures (15°C or above).

RESIN BOUND – Add the gravel and mixed resin at a ratio of one part mixed material to eight parts gravel in a mechanical mixer for 5 minutes. When fully mixed empty the contents into a barrow and apply to the area, rake, tamp and trowel smooth as required.

RESIN BONDED – Apply a layer of mixed resin to the prepared surface at a rate of 400-500g 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 installed to prevent flooding.

CURING TIMES @ 20°C:

Light Traffic 24 hours

Full use 48 hours

Full cure 5 – 7 days

COVERAGE:

Resin Bound: 7.5kg 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.