EPOXY RESIN
SELF PRIMES

# Road Plate Grit bonding Anti slip, Anti skid

Property Repair Systems
01626 872886

## Introduction

Road Plate re-gritting is achieved by applying a graded Grit, Mixed Minerals 1 – 3mm, onto Epoxy Seal Coat Resin.

The Epoxy Seal Coat Resin is applied using a brush or squeegee spreader to a perfectly abraded and solvent cleaned metal surface.

The Grit is then scattered over the tacky resin and pressed home to give an anti-slip and anti-skid finish.

## Special resin features

- Easy to apply by brush
- Low odour
- Non shrink
- Holds grit with no slump
- Single layer
- No primer required
- Contains no solvent or water

## PREPARATION & METHOD

1. Mechanically clean (shot blast) the metal plate to SA2.5 to remove all previous coatings, rust and dirt.

2. Clean the metal with our Epoxy Solvent Cleaner (non-flammable) to ensure no oil or grease remains on the surface.

3. Re-clean to eliminate any solvent cleaner smear film. Wipe over with a clean White Cloth.

4. Wipe thoroughly again with the White Cloth - if any dark marks appear on the White Cloth repeat steps 3 until the cloth remains perfectly white - this is the secret of success - any dirt left on the surface, no matter how little, with reduce the resin bond and lead to bald patches, where the resin has fallen off.

5. In cold weather heat the surface gently with dry heat - use electrical heaters with fans. Avoid gas heating (particularly Propane), because of the water produced, which can cause condensation on the metal and loss of adhesion. Maintain background heat (15 to 20C) until the resin is completely hard. Lack of heat could allow condensation to form on the resin and the aggregate (grit) may then fail to bond properly.

6. Mix the two parts, A + B, of the Epoxy Seal Coat resin together (1:2 mix ratio) thoroughly using a mixing paddle. Hand mixing is not sufficient.

7. Apply clean, dust free Aggregate (Mixed Minerals 1 – 3mm grit) to the resin so that cover is complete, with some excess. Pat the aggregate (grit) into the resin very firmly with a piece of clean wood or metal spade.
**Note** – resin stops curing at 5 degrees Centigrade and restarts when the temperature rises. Resin cures much slower at low temperature.

E Mail: help@propertyrepairsystems.co.uk
Tel: 01626 872886