

ABL (STEVENS) Resin & Glass

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G-FIX Gold SYSTEM application guide

Preparation

Ensure the substrate is clean sound and free of all contaminants including oil grease loose debris etc.

Where wood, steel or concrete surfaces are being overlaid G-fix primer should be applied approx 10-20 minutes prior to application of resin bonded matrix.

Tarmac substrate does not require primer.

All edges or edge beads should be fixed at required depth to enable the operators to achieve desired depths when consolidating with trowels, all edges where resin ingress would result require masking using polyethylene type removable tapes.

Temporary wooden batons covered with polythene to prevent sticking can be used assist with achieving consistent depths.

Application conditions

PU G-Fix can only be laid in dry conditions, never attempt during rainfall or in temperatures below 5°C.

In colder conditions it's recommended to keep resin components in a warm area to assist in the mixing of the two components, using a gas lance to warm the gravel also assists with quicker cure times and ensures moisture free material.

Mixing

When using our pre-measured resin kits simply add the hardener (part b) to the resin (part a) and mix thoroughly using a paint paddle mixer, ensuring to scrape around the side of the container with a straight bladed spatula every 30 seconds, this ensures unmixed materials clinging to the container sides are dispersed, mix for 2 minutes.

Load the indicated amount of 25kg bags of gravel into the mixer and begin to tumble, add the contents of the mixed PU G-fix kit, allow to tumble for approx 1 minute until the gravel is completely wetted with resin.

Application

Decant the wetted gravel into a polythene lined wheelbarrow, tip into area spreading using the flat squeegee to approximate levels, trowelling and smoothing the matrix, occasional wetting of the trowel with white spirit prevents gravel sticking.

Where extra anti-slip is required, clean dry sand can be sprinkled onto the wet resin surface at a rate of approx 80g per sq metre.

Curing

In temperatures around 20°C curing should be around 40 minutes, in cooler conditions these times are extended somewhat and in really low 5°C+ the cure could be a few hours, the matrix will carry on hardening for at least 24 hours, therefore vehicle access should be avoided for min 24 hours longer than this in cooler conditions.

It should not be attempted in conditions cooler than 5°C.