EASIHOLD PROKIT
DIY RESIN BOUND SUBSTRATE

Application Guide

Introduction

The Easihold ProKit System has been designed to provide homeowners, landscapers, and DIY users with a simple and effective way to create attractive resin bound surfaces without the need for specialist equipment. Suitable for small domestic installations of approximately 1m² at 15mm depth, the system is ideal for garden projects, pathways, decorative areas, and other small external spaces.

The ProKit Resin Bound System can be applied onto a range of stable and structurally sound external surfaces, including concrete, asphalt or tarmac, compacted MOT Type 3, and other solid external bases. For the best long-term performance, it is strongly recommended that an SRM (Structural Reinforcement Mesh) is installed underneath the resin bound surface were movement, cracking, or thermal expansion may occur.

When the ProKit system is installed directly onto a substrate that is prone to movement, the resin surface will naturally bond to the base beneath it. If movement occurs within the substrate, this movement may transfer through to the resin surface over time and can potentially cause reflective cracking. Installing an SRM (Structural Reinforcement Mesh) helps minimise this risk by isolating movement within the base from the finished resin surface.

Before You Start

Before beginning installation, it is important to ensure the working area has been fully prepared. The installation surface should be clean, dry, stable, and free from dust, loose material, oil, moss, or any other contamination that may affect adhesion. It is also recommended to check weather conditions before installation, ensuring dry conditions are expected for at least 24 hours.

All tools and materials should be prepared before mixing begins, as the resin system has a limited working time once activated. The installation area should be measured carefully to ensure adequate coverage, and any edging restraints should already be installed prior to application.

Tools Required

To install the ProKit DIY Resin Bound System successfully, the following tools are recommended:

Paddle Mixer Drill

Mixing Bucket Or Wheelbarrow

Steel Finishing Trowel

Gloves

Protective Clothing

Masking tape

SRM – Easihold strengthening mesh

Weed Membrane

SURFACE PREPARATION GUIDE

CONCRETE BASES

Concrete surfaces must be fully cured, structurally sound, and completely dry before application begins. Any dust, laitance, oil, moss, or loose material should be removed prior to installation. Concrete bases should ideally be cured for a minimum of 28 days before applying the resin bound system.

Where necessary, the surface should be mechanically cleaned or pressure washed and any cracks or damaged areas repaired beforehand. If there is any concern regarding substrate movement or existing cracking, an SRM membrane can be installed to reduce the risk of reflective cracking.

Asphalt / Tarmac Bases

Asphalt or tarmac surfaces should be structurally stable and ideally a minimum of 4 weeks old to allow oils within the surface to dissipate fully. The surface must be clean, dry, and free from contamination or loose stone prior to installation.

Any soft spots or damaged areas should be repaired before installation takes place. Due to the nature of asphalt surfaces and their potential for movement through temperature changes, the use of an SRM membrane is recommended to minimise reflective cracking.

Compacted MOT Type 3

Compacted MOT Type 3 can provide a suitable permeable sub-base when installed correctly. The material should be fully compacted, free-draining, and installed to the appropriate specification. Lack of proper compaction may lead to movement within the base.

It is recommended that if installing directly on to MOT Type 3 to increase installation depth to 30mm to combine the base and surface into one kit. This will reduce the coverage rate to 0.5m2.

Install the geotextile/weed membrane directly on top of the subsoil. Then install the MOT Type 3 on top of the geotextile/weed membrane and compact well. Next, lay the SRM mesh on top of the MOT Type 3 base, followed by the application of the ProKit system at a depth of 30mm.

Other Solid External Bases

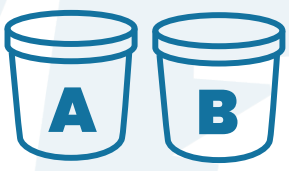
The ProKit system may also be installed onto other stable external substrates such as existing paving, stable resin surfaces, screeds, and other structurally sound bases. The substrate must be stable, clean, dry, and free from any loose or contaminated material. The use of SRM is also recommended on these substrates.

Coverage & Depth Guidance

Each ProKit DIY Resin Bound Kit is designed to cover approximately 1m² when installed at a depth of 15mm. Installing the material below the recommended depth may reduce overall durability and performance.
Care should be taken to ensure an even depth is maintained throughout the installation area, as inconsistent depths can affect both the appearance and structural integrity of the finished surface.

ProKit Mixing & Application

To begin mixing, Part A and Part B of the resin system should be poured into a separate container and blended thoroughly until a smooth and consistent creamy appearance is achieved. Once mixed, the resin system has an approximate working time of 45 minutes depending on environmental conditions.



The aggregate should then be added and mixed thoroughly using a drill and paddle mixer until all stones are evenly coated in resin. During mixing, the paddle should be moved up and down throughout the material to ensure a consistent blend. Once fully mixed, the material should be poured onto the prepared surface and spread evenly using a trowel. The material should then be compacted and smoothed carefully to achieve the desired finish while maintaining a consistent depth throughout. To achieve the best results, installation should be completed continuously without long delays between mixes, as this may result in visible joints or loss of the wet edge.

Weather Conditions & Application Recommendations

The ProKit Resin Bound System should only be installed in suitable weather conditions. Application should take place in dry conditions and within temperatures between 5°C and 30°C.
Installation should be avoided during rain, frost, damp conditions, high humidity, or extreme heat. Excessive heat and direct sunlight may accelerate curing times, while colder conditions may slow curing significantly.
Maintaining clean tools during installation is also important. Trowels should be cleaned regularly using hot soapy water throughout the application process to help achieve a smooth finish.

Curing Times

Under normal conditions, the surface will typically become tack free within 4 to 8 hours. Light foot traffic should be avoided for at least 2 to 3 days following installation.
The resin bound surface will continue curing over time and generally reaches full cure after approximately 7 days depending on weather conditions and temperature.

Aftercare During Cure

During the curing process, the surface should be protected from contamination, standing water, pets, and unnecessary foot traffic. The area should not be covered during curing, and vehicle traffic should be avoided until the system has fully cured. Taking care during the curing stage will help achieve the best possible long-term appearance and durability.

Cleaning & Maintenance

Routine maintenance will help preserve the appearance and performance of the resin bound surface over time. The surface should be swept regularly to remove dirt and debris, and low-pressure washing may be used periodically if required. Any weeds should be removed promptly, and oil contamination should be avoided wherever possible. Sharp or heavy metal objects should not be dragged across the surface, as this may cause damage.

Common Mistakes to Avoid

Many common installation issues can be avoided through correct preparation and installation practices. The most common problems include applying the system onto damp or contaminated surfaces, poor mixing, delays between mixes, insufficient installation depth, and installation during unsuitable weather conditions. Over-trowelling the surface or incorrectly mixing partial kits may also affect the appearance and long-term performance of the installation.

Safety & PPE

When installing the ProKit DIY Resin Bound System, suitable personal protective equipment should always be worn. Protective gloves, eye protection, suitable footwear, and long sleeves are recommended during mixing and application.
Adequate ventilation should also be maintained throughout the installation process.

Storage & Shelf Life

All materials should be stored in dry conditions above 7°C and away from direct sunlight or moisture. Containers should remain sealed until required for use. When stored correctly and unopened, the ProKit system has an approximate shelf life of 12 months.

Additional Support

For further installation guidance, technical support, or troubleshooting assistance, users should refer to the manufacturer's support materials or installation videos where available or contact us directly for further guidance.