

LimeBonded O&M Manual 2020



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**LimeBonded
O & M Manual
2020**

Installation Info

LGS Number

Installation Date

Installer

Contact/Details

Address

Telephone

Email

Mix Blend Name

Total m² Installed

Depth Installed

Notes:

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Care and Maintenance

In accordance with FeRFA Guide To Cleaning Resin Bonded Surfacing Systems

Regular Cleaning

Regular appropriate cleaning of surfacing materials will contribute to the durability of the surfacing and help to maintain slip resistance. As with any surfacing material, resin bonded surfacing should be cleaned regularly and as frequently as necessary to maintain its appearance. Sweep with a broom to remove leaves, paper etc. Use water as necessary to wash the surface and only use cleaning products when water and a sweeping brush are insufficient for cleaning the surface.

The use of abrasive pads and wire brushes should be avoided.

Using the Surface

Some un-bonded or partially bonded aggregate will be temporarily locked into other aggregate. Shortly after installation and perhaps for several weeks or months, aggregate will be shed from the surface and must be removed to prevent further aggregate loss. Loose stones are therefore to be expected and may be carried into buildings and vehicles on the soles of shoes. A combination of mechanical sweeping and vacuum removal is the best method for early removal of aggregate.

Use of Cleaning Products

Cleaning products should be pH neutral where possible and biodegradability should be considered when cleaning permeable pavements as chemicals will drain to natural water courses. When using acidic or alkaline cleaners, pH should be as close to neutral as possible and cleaners should be neutralized before flushing with clean water to reduce the risk of staining and degradation of the resin.

A discrete test patch should be chosen for a trial before general use.

Power Washing

If power washing the surface, use only sufficient water pressure to remove dirt or contamination. Use cold water only (maximum 40 °C) with a fan jet, maintaining at least 300 mm between the lance and the surface holding the lance at an angle of approximately 45°. Avoid concentration of the jet on any one area by using a sweeping action from side to side.

Removing Moss, Algae and Lichen

After brushing off biological growth, remove remaining moss, algae, lichen or other biological growth from the surface with a proprietary fungicide. Flushing with clean water may not be necessary and may affect the long-term effectiveness of the treatment. Follow the instructions of the manufacturer and abide by local regulations regarding the use of chemicals. Periodic use of a fungicide should be considered as a preventative measure in areas where conditions are likely to promote biological growth.

Chewing Gum Removal

Chewing gum can be removed by scraping or chipping or using proprietary local "spot" removal solutions or by employing a commercial cleaning company. Take care not to dislodge any aggregate.

Removing Oil Stains

Use a proprietary degreasing material, scrubbing into the surface with a broom. Ingrained stains may require the degreaser to be left in place for some time to allow the product to penetrate the deposit before flushing. Several applications of degreaser may be required for full removal.

Removing Cement Stains

Use a proprietary acid-based concrete/mortar cleaner and neutralise immediately after removal of the stain using copious amounts of clean water. A discrete test patch should be chosen for a trial before general use. Manufacturer's application instructions and health and safety guidance must be followed.

Localised Repairs

Resin Bonded surfacing can be repaired using the same combination of resin and aggregate as used during installation. Repairs should be carried out as soon as possible after they have been identified to avoid further degradation. Please refer to the manufacturer for specific guidance.