

BoundWorx® Restore

Application Data Sheet

DESCRIPTION

BoundWorx® Restore is a clear UV stable system that can be used on new and existing Resin Bound Surfaces to revive the surface adding the clear gloss sheen that freshens and restores the surface to its former state.

BoundWorx® Restore together with fine glass grit can also be used to aid grip to Resin Bound surfaces where there is insufficient traction.

BoundWorx® restore can be used to reduce the effects of light blooming caused by moisture during or close after application.

This product should not be used to secure loose aggregate where damage to the surface has occurred and aggregate is shedding.

PREPARATION

Pressure wash the area to be treated and allow to fully dry. The Resin Bound surface should be clean, dry, and free from dust, moss and weeds.

Outdoor applications should be made when the weather and surface is dry, and temperatures are above 5° and below 25°. Avoid applications where humidity is above 85%

Newly installed Resin Bound surfaces must be completely dry and cured for a minimum of 24 hours prior to application.

TOOLS/EQUIPMENT

18" medium pile roller with metal frame and long handle

1m by 1m tray

Liner such as DPM to line tray

Paintbrush

Solvent cleaner

Disposable gloves

110V Drill and paddle mixer

MIXING OF THE BOUNDWORX® RESTORE

Each unit consists of:

- 1 x Part A (Resin)
- 1 x Part B (Curing Agent)

Fine glass grit must be evenly scattered onto the wet Resin during application. At the recommended ratios.

You **MUST** follow a consistent order for the mixing process. Step by step instructions as follows:

1. Pour the Part B (Curing Agent) into the Part A (Resin). Mix thoroughly with a 110V Drill and Paddle mixer for at least 60 seconds. Ensure that there is a consistent colour in the resin. Take care to mix right to the bottom and into the corners of the bucket.
2. Pour the mixed Resin into a lined roller tray.

Mixing of the resin and curing agent is a very important part of the process. Short cuts must **NOT be taken**.

COVERAGE RATES

When mixed with the correct ratios of resin the application rates per unit are as follows:

Each 4kg kit will cover 32m². This is an approximate guide.

APPLICATION OF THE MATERIALS

Evenly load sufficient mixed Resin onto a lined 18" roller tray.

Start the application of the materials at the furthest point from the exit to avoid walking over the Resin.

When rolling the material onto the surface ensure you are applying the appropriate amount of pressure. Ensuring you are adhering to the correct coverage of the material.

Scatter fine glass grit **evenly** during application whilst the product is still wet and freshly applied, at a rate of 50 grams per m². Take care: Over application or uneven applications will stand out causing patchy/stripping areas visibly apparent when the surface has cured.

A paintbrush can be used to apply the mixed Resin to any abutments surrounding the area. That cannot be reached by roller

Tape any edging detail to protect from Resin staining during the application process.

Pay close attention to the joining section of each unit.

Change the roller head regularly to prevent build-up of cured resin.

ROLLING OF THE MATERIALS

1. Measure out the area in 4m² sections to prevent over/under coverage.
2. Lightly roll the area ensuring you are overlapping the next/previous section by approximately 100mm to prevent visible lines from forming. Evenly coat taking care not to miss any areas.
3. Roll back over the area in a diagonal roller movement.
4. Roll back over the area in the opposite diagonal direction.
5. Lightly roll the whole area again to ensure coverage of the area.
6. Always work to a wet edge.

When rolling you must overlap with every rolling step to ensure complete coverage.

CLEANING

All metal tools including the roller should be cleaned down with solvent cleaner after use.

USEFUL HINTS

- 1 Read and re-read the safety data sheets to ensure that you have a clear picture of how you are going to work.
- 2 Please ensure that materials are stored upright and at ambient temperatures. Use by the recommended expiry date as indicated on the packaging.
- 3 The working time of the mixed resin is limited so you will need **to work quickly**. On a hot day, start work in the morning when temperatures are lower to maximise working time. Store materials in the shade.
- 4 To avoid Resin, build up on your tray, use a liner such as DPM and dispose at regular intervals as required.
- 5 ALWAYS tape the edges of the application area to avoid trowelling resin onto and staining any edging stones/detail. Cover any walkways to avoid resin footprints staining those areas. **Keep pets away from the area until the resin has fully cured.**
- 6 To ensure a consistent colour through each batch of material ensure you mix the Resin for at least 45 seconds till the material is a creamy colour.
- 7 Set out each unit of material in advance to ensure continuity.
- 8 **BOUNDWORX® SOLVENT CLEANER** should be used to clean tools and for resin spillages. **Not White Spirit**. Prepare a pot of solvent cleaner in advance. Spillages must be removed before the system has cured.
- 9 Wear protective clothing and gloves should be used when mixing. Change the gloves frequently to avoid sticking or staining of equipment.