

## OVERVIEW

**STONEBOUND HB UV** resin bound surfacing is a cold applied clear polyurethane resin screed designed to bind natural aggregates. **STONEBOUND HB UV** is flexible, resistant to cracking and can be supplied in a range of colours allowing imaginative designs to be incorporated within the paved surface.

## PREPARATION OF SURFACE

Concrete surfaces to be treated should be clean, dry and free of laitance, oil, grease and loose friable particles which could affect adhesion. Asphalt surfaces must be clean and dry, details of suggested suitable base build ups are available on request. A suitable edging detail should be specified using either brick, stone, concrete or steel as required to provide a high quality finish detail.

## HEALTH & SAFETY

Before using this product, please ensure you have been supplied and have read carefully the following:-

1. The hazard label (complying with CLP – European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of substances and mixtures) applied to the container.

2. Safety Data Sheet

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant safety data sheet.

## CLEANING OF EQUIPMENT & SKIN

Tools, brushes etc... should be cleaned immediately after use in Addagrip Solvent Mixture. For cleaning of hands/skin, use a deep cleaning soap with water. Please note if a rash appears seek medical attention.

## MIXING & APPLICATION

The **STONEBOUND HB UV** Resin Part 'A' & 'B' is delivered in pre-weighed units to which the **PU Accelerator** Part 'C' should be added (refer to **PU Accelerator** guidance table found on provided "Mix Details" sheet with each order). To prevent an area being installed without accelerator a small quantity has already been added to Part 'A' to ensure the mixed material will cure albeit at a slower rate. The mixed resin should then be thoroughly mixed with a slow speed, high torque drill and paddle for a minimum of 45 seconds.

The mixed **STONEBOUND HB UV** resin and accelerator should then be immediately added to the pre-mixed aggregate placed in a suitable mechanical mixer. Mix for 1-2 minutes then discharge into a suitable wheelbarrow and move immediately to the point of application.

The mixed material should then be spread evenly across the surface at the required depth using a straight bladed squeegee. The surface should then be hand trowelled or using a lightly weighted finishing power tool to a smooth compacted finish as required.

To improve the slip resistance on the surface fine glass grit or white aluminium oxide should be applied at a rate of 50-80g per sqm. This will be provided with your order.

## DISPOSAL CONSIDERTIONS

Normally the Part A resin will be mixed in its own container with Part B. When this is done correctly the resultant material in the container is inert and the label must be defaced. The container and remnant may be disposed of as normal industrial waste. Any uncured material must be disposed as hazardous waste. Please consider the regional or national regulations regarding disposal.

## TECHNICAL DATA

<b>Product</b>	Polyurethane resin for resin bound surfacing
<b>Density</b>	1.06g/cm <sup>3</sup>
<b>Application Conditions</b>	+5°C to 30°C, maximum 80% relative humidity
<b>Surface Temperature</b>	Must be 3°C above the dew point temperature.
<b>Initial cure</b>	Varies on accelerator addition
<b>Full Chemical Cure</b>	7 days
<b>Skid resistance (TRL 176)</b>	Slider 96 (Pedestrian) > 55 Slider 57 (Vehicle) > 60
<b>Permeability/Porosity (BS EN 12697-40:2005)</b>	3mm @ 12mm depth = 4.46-7.67 L/sec/m <sup>2</sup> 6mm @ 18mm depth = 7.39-20 L/sec/m <sup>2</sup> 10mm @ 22mm depth = 17-30 L/sec/m <sup>2</sup>
<b>Material Consumption/Coverage</b>	Please refer to site mix sheets
<b>Packaging</b>	Supplied in pre-weighed units
<b>Storage</b>	Store above 7°C, not in direct sunlight, wind nor rain. 3 months in original unopened containers.

For technical enquiries please contact your nearest representative:

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