addagrip™
A member of the Terraco Group

STONEBOUND CRYSTAL
RESIN BOUND SURFACING

ASB-UV

OVERVIEW

STONEBOUND CRYSTAL resin bound surfacing is a cold applied clear polyurethane resin screed designed to bind natural aggregates. STONEBOUND CRYSTAL 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.

MIXING & APPLICATION

The STONEBOUND CRYSTAL Resin Part 'A' & 'B' is delivered in pre-weighed units to which the Stonebound Crystal Catalyst Part 'C' should be added (refer to Stonebound Crystal Catalyst guidance table found on provided "Mix Details" sheet with each order). To prevent an area being installed without catalyst a small quantity has already been added to Part 'A' to ensure the mixed material will cure albeit at a slower rate. Stonebound Crystal Catalyst can be added to your order in a 250ml unit. 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 CRYSTAL resin should then be immediately added to the pre-mixed aggregate placed in a suitable forced action mixer. Mix for 1-2 minutes then discharge into a 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 24" screed box or aluminium/wooden spazzle. The surface should then be hand trowelled or using a lightly weighted finishing power tool finished to a smooth compacted surface as required.

To improve the slip resistance on the surface fine anti-slip crushed glass should be applied at a rate of 50-80g per sqm. This can be added to your order in 2.5kg bags ~ 31m^2 coverage.

TECHNICAL DATA

Product	Polyurethane resin for resin bound surfacing
Density	1.06g/cm^3
Application Conditions	+5^{o}C to 30^{o}C, maximum 80% relative humidity
Surface Temperature	Must be 3°C above the dew point temperature.
Initial cure	Varies on Stonebound Crystal Catalyst addition
Full Chemical Cure	7 days
Material Consumption/Coverage	Please refer to site mix sheets
Footpaths – min. 15mm depth Light vehicular trafficking – min. 18mm depth	Resin supplied in pre-weighed units of 5.25kgs and aggregate in 105kg units
Turning driveway – min.18mm depth	Resin supplied in pre-weighed units of 7kgs and aggregate in 105kg units
Storage	3 months in original unopened containers.

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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.

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.

For technical enquiries please contact your nearest representative:

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