

## TECHNICAL DATA SHEET

**PRODUCT:**  
ROCBINDA™ DIY RE-INSTATEMENT  
ANTI SKID / ANTI SLIP SYSTEM

**TDS VERSION:**  
1.3

**EFFECTIVE DATE / REVISION:**  
01/07/13



**HAPAS**  
Proscreed 12/H195  
**HAPAS**  
Rocbinda 12/H196



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## 1. Product ROCBINDA™ DIY RE-INSTAMENT ANTI SKID / ANTI SLIP SYSTEM



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## 2. Description

Rocbinda™ DIY Re-instatement Anti Skid / Anti Slip System utilises Jobling Purser's Rocbinda™ two part polyurethane resin, which is designed for use with various types and grades of aggregate to produce an anti skid and anti slip surface coating. Rocbinda can be pigmented for use with coloured aggregates as a decorative surface or as a traffic calming measure. Rocbinda™ holds BBA certificate No 12/H196 issued under HAPAS for Type 1 High Friction Surfacing applications. As an anti skid system, Rocbinda™ DIY Re-instatement packs can be applied to repair approaches to pedestrian crossings, junctions and roundabouts. It can also be used as an anti slip system on a range of structures such as footbridges, ramps, subways, multi-storey car parks and on pedestrian areas in general.

It can be used in its decorative format to visually change existing hard standings and to provide sympathetic hard wearing solutions to a variety of architectural and landscaped areas. Rocbinda™ will adhere to bituminous surfaces, concrete, steel and timber. It will also fully waterproof the substrate if used as a two layer application.

Rocbinda™ Catalyst can be used with Rocbinda™ DIY Re-instatement Anti Skid / Anti Slip system when the ambient temperatures are between 5°C and 15°C to speed up cure times and reduce traffic delays.

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## 3. Application

### SURFACE PREPERATION:

All surfaces should be clean, dry and in sound condition. Any oil, grease or other contamination should be removed by washing or by mechanical means as appropriate. Any existing anti skid / anti slip surface should be removed and cut back to give a clean edge into sound material. Duct tape should be applied to achieve a neat edge.

**Bituminous Surfaces** – Any surface irregularity should be corrected before application. “Fatty” surface build up of bitumen should be removed by mechanical means. (Rocbinda™ should not be applied to newly laid surfaces for 28 days or to multi layer surface dressing).

**Concrete Surfaces** – Any surface latence should be removed. Concrete must be mechanically abraded to a sound surface. New concrete should have been laid for at least 28 days or should have a moisture content of less than 5%. All surfaces should be primed with Rocbinda™ Primer.

**Steel Surfaces** – Any rust, paint or other coating should be removed. Surfaces should be grit blasted to SA 2.5. Surfaces should then be swept and primed with Rocbinda™ Primer.

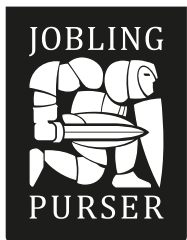
**Timber Surfaces** – The timber should be as dry as possible – where there is a risk of water retention in the timber, Rocbinda™ should not be applied. Rocbinda™ Primer should be applied to the area to which the surfacing is to be installed.

### MIXING AND APPLICATION:

Rocbinda™ resin is supplied as a two component system in pre-weighed packs. It has a pot life of between 15 and 40 minutes depending on ambient temperature and humidity.

**DO NOT ADD THE AGGREGATE TO THE RESIN.**

The two Rocbinda™ components should be thoroughly mixed together with the mixing baton provided, for two minutes. After mixing, the resin should be applied as uniformly as possible with the spreader (included) to give the required application rate. A recommended minimum application rate on smooth non porous surfaces is 1.35kg/m<sup>2</sup>. More open textured surfaces will require a heavier application. The aggregate should be spread onto the resin as soon as possible. It is applied to excess at approximately 10kg/m<sup>2</sup>. When the resin has set the surplus aggregate is removed by sweeping leaving approximately 7kg/m<sup>2</sup> on the surface. The aggregate must not be



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rolled. After completion, the surface should not be opened to traffic or otherwise disturbed until the binder has completely cured. This period will vary between 1½ and 4 hours depending on the ambient temperature and humidity. Rocbinda™ Catalyst is available for onsite applications to convert standard grade Rocbinda™ to a winter grade application. This can be used when ambient temperatures are between 5 and 15°C and allows for a quicker cure time and aids minimum delay to traffic flow.

A complete application guide is available on request.

#### 4. Packaging

The DIY packs are a self contained pack containing 2kgs of Rocbinda™ resin (standard or pigmented resin available), 12.5kgs of aggregate (various aggregates available), disposable gloves, mixing baton, roll of duct tape and a spreader. These packs are designed to cover up to a maximum of 1.5m<sup>2</sup> on a close graded bitumen surface.

#### 5. Performance

|                        |  |
|------------------------|--|
| Colour :               | Base: Khaki for standard resins, or pigmented to suit coloured aggregates.<br>Activator: Brown |
| Specific Gravity:      | Base: 1.13<br>Activator: 1.23  |
| Solvent Content:       | None   |
| Non Volatile Content:  | 100%   |
| Adhesion:              | Bond Strength to Steel in excess of 150kg/cm <sup>2</sup>                                      |
| High Temperature Flow: | Cured sample – no flow after 2 hours at 135°C  |
| Tensile Strength:      | >10.5 N/mm <sup>2</sup>  |
| Elongation at Break:   | >45%   |
| Pot Life:              | 15 minutes depending upon ambient temperature and humidity                                     |
| Curing Time:           | 1½ to 4 hours depending on ambient temperature and humidity                                    |

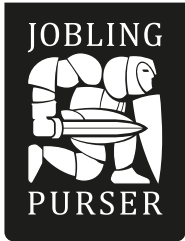
#### 6. Storage

Under good storage conditions, Rocbinda™ DIY Re-instatement Anti Skid / Anti Slip System has a shelf life of 12 months.



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### 7. Health and Safety Advice/Summary

See all relevant Safety Data Sheets for information.

### 8. Additional Information

All products should be used in accordance with the manufacturer's instructions. No responsibility can be taken by the manufacturer where conditions of use are beyond our control. Jobling Purser products are available for sale in accordance with Jobling Purser Standard Conditions of Sale, available on request. Whilst any information and/or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us or our Representatives, Agents, Distributors as the conditions of use and any labour involved are beyond our control. Jobling Purser Technical Data Sheets are updated on a regular basis. To ensure that this Technical Data Sheet has not been superseded, please contact Jobling Purser.



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