

## BOND COAT 3 Reactive Bond Coat



### DESCRIPTION

Bond Coat 3 is Stirling Lloyd's 3<sup>rd</sup> generation Bond Coat. Developed over the last 5 years it represents a major step forward in the provision of high performance heat activated tack/bond coats for providing adhesion between 'Eliminator' bridge deck waterproofing membranes and course asphalt pavement mixes such as HRA and DBM.

### USES

Bond Coat 3 is applied on to our Eliminator waterproofing membrane to provide a strong bond between the membrane and subsequent bituminous surfacing. It is suitable for use with most types of hot-applied bituminous road surfacing including those where the bitumen content in the surfacing specification is low and/or where the surfacing layer is thin.

### FEATURES

- Suitable for a wide range of asphalt specifications including 'high stress' sites providing an excellent bond between Eliminator and asphalt pavements.
- Exceeds the enhanced adhesion requirements as specified in Highways Agency IAN96/07 Rev. 1.
- Rapid Cure – surfacing works can commence one hour after application.
- Solvent free and cold-applied – faster and safer to apply.
- Pigmented to simplify application
- Tack free finish; easily cleaned and resistant to tyre pick-up and damage from trafficking

### TECHNICAL DATA

PROPERTY	VALUE
Application Temperature Range	-10 to 30°C
Minimum Overcoating Time for Application of Surfacing	1 hour

### SURFACE PREPARATION

Bond Coat 3 is applied to the cured Eliminator membrane. This must be clean, dry and free from contamination.

### APPLICATION

Bond Coat 3 is a two-component system mixed on-site.

Once mixed, Bond Coat 3 can be applied using either a notched squeegee or suitable airless spray equipment.

Bond Coat 3 cures to a hard, dirt-repellent coating. The cure time is dependant on site conditions but is typically within 60 minutes.

Application of the asphalt binder course can take place immediately after Bond Coat 3 has cured or it can be delayed indefinitely with no detriment to the bond strength, provided the surface is dry and cleansed of any contamination prior to laying the asphalt.

Bond Coat 3 should be free of water and other contaminants when the surfacing is applied.

The activation temperature of Bond Coat 3 is 90°C. Asphalt temperatures drop rapidly when placed onto a cold surface; it is therefore prudent to allow for this by achieving a minimum asphalt laying temperature of 130°C.

### COVERAGE

HRA, DBM including low bitumen content hot asphalts:  
0.6kg/m<sup>2</sup>

### STORAGE

All components of the system should be stored in cool, dry, protected conditions, out of direct sunlight and in accordance with the relevant Health & Safety regulations. Storage temperatures must not exceed 25°C. Do not store near naked flames or foodstuffs.

Stored in unopened containers, under the correct conditions, the components have a minimum shelf life of six months. If your product is more than six months old you must contact Stirling Lloyd before use.

### HEALTH & SAFETY

Please refer to our Safety Data Sheets for further information.

### GENERAL INFORMATION

Bond Coat 3 is part of a wide range of specialist waterproofing, surfacing and repair materials manufactured and supplied by Stirling Lloyd. If you require any further information on this or any other of our products, please do not hesitate to contact us or visit our website [www.stirlinglloyd.com](http://www.stirlinglloyd.com)



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