

## TECHNICAL DATA SHEET

**PRODUCT:**  
PROBIT 903 POLYMER MODIFIED  
COLD JOINT PAINT

**TDS VERSION:**  
1.8

**EFFECTIVE DATE / REVISION:**  
11/01/19

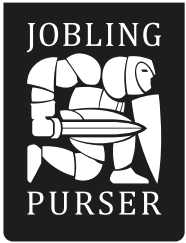


**HAPAS**  
Proscreed 12/H1195  
**HAPAS**  
Rocbinda 12/H1196



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- 1. Product**  
PROBIT 903 POLYMER MODIFIED COLD JOINT PAINT  
Bitumen Emulsion C60BP4



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- 2. Description**  
A polymer modified cold applied cationic bitumen emulsion designed for the treatment of all vertical and horizontal inter layer joints in asphalt and macadam as specified in BS EN 594987 and Clause 903 of the revised MCHW specification 900 series.

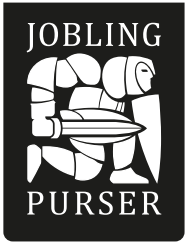
- 3. Application**  
All surfaces must be clean and dry. Stir the product well before use. Apply to the joint by pouring and/or with a dampened soft bristle brush to achieve a thin even coat.



**HAPAS**  
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For surface course joints, care should be taken to avoid surplus bitumen on the surface after the joint is made. Coverage rates for vertical: To achieve 1mm residual binder on a 40mm deep joint requires the application of 1kg Probit 903 per 15 Linear metres, and pro rata for other depths. Application rates will however vary depending on the porosity and texture of the joint. Coverage rate for horizontal inter-layer joints: To achieve a minimum residual bitumen layer of 0.50kg/m<sup>2</sup> to 75 mm either side of a joint as specified in MCHW Clause 903, the coverage should be not more than 8 linear metres per kg of Probit 903.

### CLEANING:

Wash residual material off tools with cold water before it has dried. Remove any dried film with white spirits, kerosene or Proclean bitumen cleaner available from Jobling Purser.

## 4. Packaging

Probit 903 Polymer Modified Cold Joint Paint is available in 20 kg plastic containers and 200 Kg drums.

## 5. Performance

Conforms to BS EN 13808:2013 Bitumen and bituminous binders - Framework for specifying cationic bituminous emulsions.

### Emulsion Properties

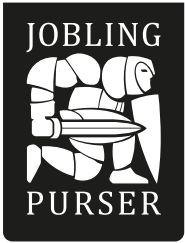
Viscosity (EN 12846)	Value NR	Class NR
Water effect on binder adhesion (EN 13614)	Value ≥ 90%	Class 3
Breaking Value (EN 13075-1)	Value 110 - 195	Class 4
Dangerous substances	Value NR	Class NR

### Properties of the Binder recovered from the Emulsion

Requirement	Following evaporation (EN 13074-1)		Following evaporation & stabilisation (EN 13074-1 & EN 13074-2)	
	Value	Class	Value	Class
Penetration (EN 1426)	Value ≤ 100 dmm	Class 3	Value ≤ 100 dmm	Class 3
Softening Point (EN 1427)	Value ≥ 50°C	Class 4	Value ≥ 50°C	Class 4
Cohesion (modified binders only) (EN 13588)	Value ≥ 1.0 Jcm <sup>2</sup>	Class 4	Value ≥ 1.0 Jcm <sup>2</sup>	Class 4

Appearance:	Black to dark brown liquid.
Relative Density:	~1
Solids Content:	60 +/- 1 %





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### 6. Storage

Protect from cold (Temperature  $<5^{\circ}\text{C}$ ) before use. Keep containers tightly closed.

### 7. Health and Safety Advice/Summary

This product is a bitumen emulsion. There is little evidence of any serious hazard to animal or plant life when using this product. However, prolonged contact with the skin should be avoided. Protective clothing should be worn including gloves and goggles. If splashes enter the eyes they should be irrigated with large amounts of water and medical attention sought. Remove any splashes adhering to the skin with a proprietary hand cleanser followed by a thorough washing with soap and water. A full Health and Safety Data Sheet is available for this product by contacting Jobling Purser.

### 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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