

# TECHNICAL DATA SHEET

**PRODUCT:**  
SPRAYCO ARMASEAL

**TDS VERSION:**  
3.3

**EFFECTIVE DATE / REVISION:**  
01/11/21

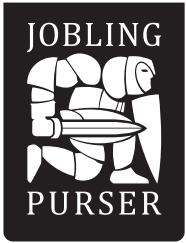


**HAPAS**  
Proscreed 12/H195  
**HAPAS**  
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Ensure this document is up to date by emailing: [sds@joblingpurser.com](mailto:sds@joblingpurser.com)

1. **Product**  
SPRAYCO ARMASEAL  
Bitumen Emulsion C50BP5



2. **Description**

Sprayco Armaseal is a rapid setting water based polymer bitumen compound to seal and restore aged asphalt and macadam surfaces. The major use for Sprayco Armaseal is to spray it as a Lockcote application for surface dressed roads (a separate Technical Data Sheet and various case studies covering the Lockcote usage are available). Typical hand applications of Sprayco Armaseal include carriageways, airport runways, car parks, cycle paths and footways. Sprayco Armaseal also seals fine cracks and voids in the surface course, preventing the ingress of water and fretting of the surface prolonging the service life of bituminous surfaces.



3. **Application**

The surface should be clean and free from dust. Weather conditions should be dry and  $>10^{\circ}\text{C}$ . Armaseal can be spray applied by spray tanker to large areas, or by hand sprayer, squeegee, suitable yard brush or paint roller to smaller areas at a rate of spread of approx.  $2\text{-}4\text{m}^2$  per litre, depending upon the surface texture. It should be allowed to fully break to a black, tack-free state before opening to traffic. A second coat may be applied if required after the first coat has dried. It is recommended that course open textured foam rollers (commonly used for texturing plasterwork) are used to apply Sprayco Armaseal.

Please note solvented paints are typically not suitable for application on Sprayco Armaseal.





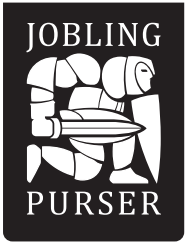
#### 4. Packaging

5 Kg drums, 25 Kg drums, 200 Kg drums, 1000 Kg IBC's, bulk.

#### 5. Performance

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

DECLARED PERFORMANCE			HARMONISED TECHNICAL SPECIFICATION
ESSENTIAL CHARACTERISTIC	PERFORMANCE		
MANUFACTURED EMULSION	VALUE	CLASS	BS EN 13808 : 2013
Viscosity (BS EN 12846) [Efflux time 2mm @ 40°C]	15 - 70s	Class 3	
Water effect on binder adhesion (BS EN 13614)	≥ 90%	Class 3	
Breaking Behaviour (BS EN 13075-1)	≥ 170	Class 5	
Dangerous Substances	NR	NR	
RECOVER BINDER (BS EN 13074-1)	VALUE	CLASS	
Consistency at intermediate service temperature (BS EN 1426)	≤ 35 dmm	Class 1	
Consistency at elevated service temperature (BS EN 1427)	≥ 65°C	Class 1	
Cohesion (modified bitumen emulsions) (BS EN 13588)	≥ 1.0	Class 4	
STAGE 1 DURABILITY - STABILISED RESIDUAL BINDER (BS EN 13074-1, 13074-2)	VALUE	CLASS	
Consistency at intermediate service temperature (BS EN 1426)	≤ 35 dmm	Class 1	
Consistency at elevated service temperature (BS EN 1427)	≥ 65°C	Class 1	
Cohesion (modified bitumen emulsions) (BS EN 13588)	≥ 1.0	Class 4	



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### 6. Storage

Sprayco Armaseal has a shelf life of 6 to 8 months provided it is stored correctly. Correct storage requires the material to be out of direct sunlight, indoors and where the air temperature is not allowed to fall below 10°C. Material should be stirred / agitated until homogeneous every 2 to 4 weeks whilst in storage. The material must be protected from frost. Bulk material should be circulated before use. Circulation should be carried out in such a way to avoid foaming or frothing of the material. Drums should be rolled thoroughly or agitated suitably before use.

### 7. Health and Safety Advice/Summary

Contact with the skin should be avoided by the use of protective clothing, suitable gloves & rubber boots. Eyes should be protected from splashes of emulsion droplets. For full information, reference should be made to the product Safety Data Sheet.

### 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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