TECHNICAL DATA SHEET

PRODUCT:
PROBIT EDGE SPRAY (AEROSOL)

TDS VERSION:
1.8

EFFECTIVE DATE / REVISION:
14/03/25

1. Product

PROBIT EDGE SPRAY (AEROSOL)



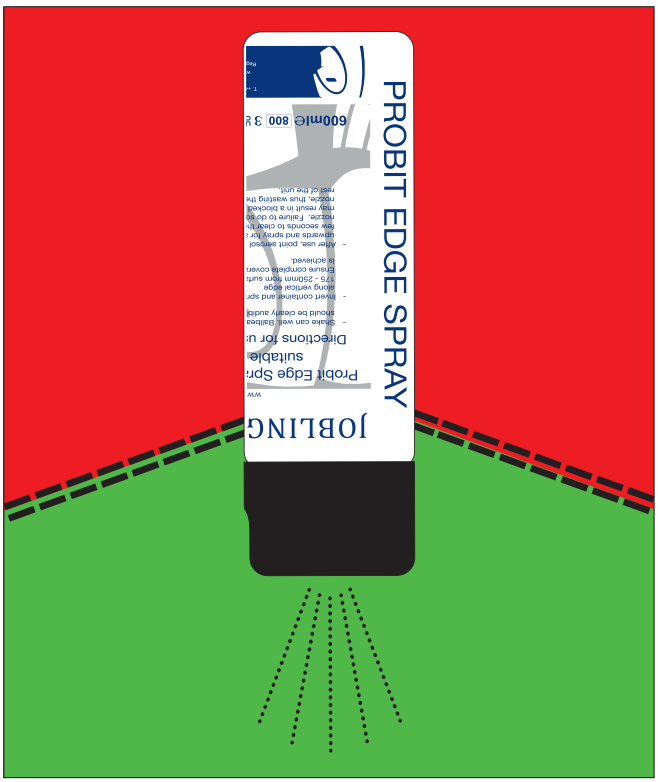
2. Description

Probit Edge Spray is a cold applied and rapid setting solution of bitumen in solvent for macadam and asphalt surfaces. It is particularly suited for sealing manhole frames and kerb channels and in combination with Probit Delayed Set Macadam for trench reinstatements and patch repairs.
Probit Edge Spray is supplied in 600ml aerosol cans with spray through caps. Probit Edge Spray is also available in 500ml trigger spray bottles.

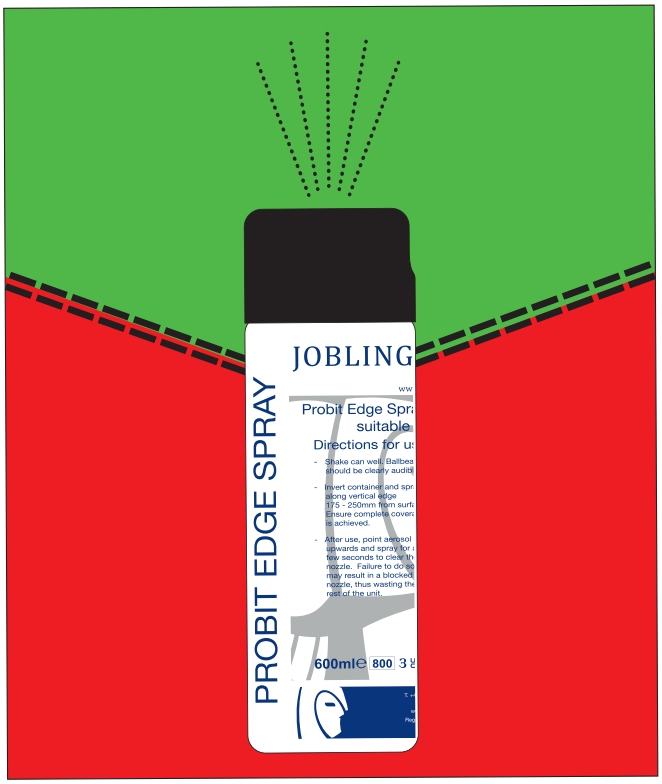
3. Application

Shake can until balls rattle before use and ensure the ball bearing is clearly audible. The can is designed to work in an inverted position.
Spraying the can horizontally will expel the gas not the bitumen.
Apply in even strokes in blasts of 30 - 45 seconds. Shake the tin well between blasts and continue until full coverage is achieved.
Nozzles may become blocked once the tin has been sprayed and subsequently left to stand. Holding the can upright and spraying will help clear the nozzle. A suitable cleaner can be used to soften the bitumen in extreme cases of blocking.

To operate:



To clear nozzle:



As a guide – theoretical spread rates for a 600ml Probit Edge Spray canister are as follows:

A horizontal Tack Coat application - To achieve a residual binder of 0.2kg per m² theoretically means a 600ml can will cover 1m².
A vertical joint application - To achieve a residual binder of 1kg per m² theoretically means a 600ml can will cover 5 linear meters at a joint depth of 40mm.
An overband application - To achieve a residual binder of 1kg per m² theoretically means a 600ml can will cover 7 linear meters at 30mm width.

It should be noted that a number of varying factors will affect the coverage rate and these theoretical rates are for guidance only.

4. Packaging

Probit Edge Spray is available in 600ml aerosol cans, singularly or in boxes of 12.





5. Performance

Appearance	Black to dark brown liquid
Flashpoint (°C)	Closed Cup 25-32
Non Volatile Content (%)	68-72
Relative Density	0.95
Viscosity	500-1000 cst @25°C (Provisional)

Cured Binder Performance	
Penetration at 25°C (BS EN 1426)	50 - 70 dmm
Softening Point (BS EN 1427)	46 - 54°C
Resistance to hardening at 163°C (BS EN 12607-1):	
Retained penetration at 25°C	≥ 50%
Increase in softening point	≤ 9°C
Change of mass	≤ 0.5%
Penetration Index (BS EN 12591 Annex A)	-1.5 to +0.7
Dynamic viscosity at 60°C (BS EN 12596)	NR
Fraas Breaking Point (BS EN 12593)	≤ -8°C
Dangerous Substances	-

6. Storage

Protect from frost. Unopened containers may be stored for up to 12 months.

7. Health and Safety Advice/Summary

Use in a well ventilated area. Avoid inhalation of vapours and contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Dispose of any waste arisings responsibly. For further information please refer to the 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.