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AIRLESS SPRAY BITUMEN

PRODUCT DESCRIPTION

A thixotropic plasticised coating based on a high standard bitumen and pigmented with a lamella filler, giving excellent waterproofing properties and a tough film.

Key features are:

- Black finish meets the requirements of BR Specification 70/43
- Aluminium finish meets the requirements of BR Specification 70/44
- High build application (up to 200 microns per coat), reduces time and cost
- Gives twice the film thickness compared to standard bitumen
- Non drip – reduces runs or sagging for better finish quality
- Good impact resistance
- Plasticised coating gives flexibility

USES

Typical uses are :

- Longer term protection of steel on bridge undersides, under roofs etc.
- Protection of masonry surfaces in industrial atmospheres
- Waterproofing concrete in damp areas e.g. tunnel rings etc.
- Undersealing cars and lorries

TECHNICAL PROPERTIES

Colour	Black, Aluminium		
Finish	Semi Gloss		
Curing Agent	n/a		
Mix Ratio	Single pack		
Specific Gravity	1.10 typical		
Volume Solids	44% typical		
Recommended Film Thickness	325-455 microns wet / 155-200 microns dry		
Theoretical Spreading Rate	2.2-2.8 m ² / litre		
Application Method	Brush, roller or airless spray		
Flash Point	35°C (Abel closed cup)		
VOC	468 g/litre		
Drying Times	15°C	25°C	35°C
Touch Dry	8 hours	4 hours	2 hours
Hard Dry	24 hours	16 hours	8 hours
Minimum Overcoat	24 hours	16 hours	8 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Usually a one coat system

SURFACE PREPARATION

- Steel:** Remove all loose paint, rust etc. Degrease to a minimum standard of SSPC-SP1. Either abrasive blast clean to ISO8501:1988 SA2.5 or power tool clean to a minimum standard of ISO8501:1988 ST2. The performance of the coating is directly related to the level of surface preparation.
- Concrete:** Ensure the surface is clean and free from atmospheric pollution which may require washing with clean fresh water. Allow the surface to dry.
- Masonry:** Remove laitance by washing with fresh water and allow to dry. The first coat should be thinned 25% with Thinner No.3 to allow for good penetration and sealing of the substrate.
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PRODUCT APPLICATION

- Mixing** Stir well before use.
- Thinners** Thinner No.3
- Brush** Use as supplied
- Roller** Use as supplied
- Conventional Spray**
- Airless Spray** Thin up to 15% by volume with Thinner No.3 Use tip size 0.017"-0.021" (0.43mm-0.53mm) and pressure 2000 – 2400 psi (145 – 170 bar)
- Air Assisted Airless Spray**
- Cleaner** Thinner No.3
- Cleanup Considerations** All equipment should be cleaned immediately after use with Thinner No.3
It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied.
Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.
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HEALTH, SAFETY & ENVIRONMENTAL

- This product must be used in accordance with the Material Safety Data Sheet.
- The user must observe local health, safety and environmental regulations when using this product.
- Consult if there are any concerns over the suitability of this product.
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PACK SIZES

5 litre

PACK WEIGHTS

5 litre : 5.9kg

STORAGE CONDITIONS

Store in a cool, dry, shaded area and ensure good ventilation. Shelf life 12 months



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LIMITATIONS

Do not apply this product if the relative humidity exceeds 90% or if the substrate is within 3°C of the dew point.

DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using these products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.