

Bitumen Primer **SB**

SOLVENT BASED **1K**

Description:

A one component, solvent based, air drying black bitumen primer with good adhesion to concrete & plywood.

Intended Uses:

Designed for priming dry concrete decks & plywood prior to the application of bituminous waterproofing/torch-on membranes.

The low viscosity allows for deep penetrating of concrete surfaces and consolidation of friable surfaces, creating a sound adhesive surface for bituminous waterproofing/torch-on membranes.

Features & Benefits:

- Penetrates and reinforces the substrate to establish good adhesion.
- Good penetrating properties.
- Good adhesion to a variety of surfaces.
- Provides an adhesive surface for the subsequent coats.
- Easy to apply.

Technical Data:

Product Physical Form	Liquid
Colour	Black
Appearance	Semi-matt
Volume Solids	43 ± 2%
Density (Kg/ Lt @ 23°C)	0.9 ± 0.05
Diluent	Universal Reducer (0 – 20% depending on application)
Recommended WFT	70 – 117µm per coat
Recommended DFT	30 – 50µm per coat
Spreading Rate	8.6 – 14.3 m ² / Litre per coat, allowance should be made for site application losses & surface profile
Number of Coats	1
Viscosity KU	Approx. 16 – 19 seconds FC4
Method of Application	Brush, roller or airless spray
Pack Size	5 & 20 Litre
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers

Important Information:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- Technical & application data herein is for the purpose of establishing a general guideline of the coating application procedure.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent

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Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

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results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection & verification of the performance and use of the coating.

- Always check weather forecast before painting. Do not paint if rain fall is imminent as it will negatively affect the ability of the product to cure and bond to the surface.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Oil can be removed using **Hydrosolve Degreaser**.
- Fungal growth or algae can be removed using **Fungicidal Wash**.
- **SpecWood SB Cleaner** can be used to remove traces of adhesive from wood prior to application
- Laitance and loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.
- Moisture content of concrete surfaces should not exceed 4%.

Substrate	Preparation Instructions:
Concrete	Mechanically clean using a high-pressure water cleaner, abrasive blast cleaning or diamond grinding.
Plywood	Sand properly before application using a 120-grit sandpaper/abrasive

Application:

Mixing	Stir well with a flat-bottomed paddle or mechanical mixer for a few minutes		
Application Tools	Brush, roller, or spray		
Application Area	Application:		
	Spreading Rate	8.6 – 14.3 m ² / Litre per coat	
	Recommended WFT (per coat)	Min 70µm	Max 117µm
	Recommended DFT (per coat)	Min 30µm	Max 50µm
	Number of Coats	1	
	Extra Information:		
	• Bitumen Primer SB should be applied with a good quality brush or broom evenly over the surface, avoiding excess thickness or ponding.		
	Airless Spray:		
• Tip range 11 – 15 Thou			
• Pressure at the tip should not be less than 150 bar (2200 PSI)			
Thinner	Universal Reducer (0 – 20% depending on application)		
Work Stoppage	Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Universal Reducer .		
Clean Up	Clean all equipment immediately after use with Universal Reducer . It is advisable to periodically flush out spraying equipment during the course of the working day. Frequency of cleaning is dependant of upon the amount sprayed, temperature and elapsed time. Work strictly in accordance with the specified pot life of the material.		

Application Environment			
	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	7°C	No lower limit
Maximum	35°C*	45°C	85%

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Drying & Overcoating Information	
Touch Dry	2 hours @ 23°C
Overcoating Time	6 hours @ 23°C
Hard Dry	6 hours @ 23°C
Extra Information	As a general guide, the product should not be over coated until it is sufficiently hard to permit light foot traffic. Bitumen Primer SB should not be over coated until the film is completely dry and free from solvent.

Systems:

Consult with Specialized Coating System for application specific recommendations.

Safety Information:

- Refer to product SDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.
- Apply in well-ventilated areas.