

Bituminous & Porous Sealer Primer

Solvent based binding primer

Bituminous & Porous Sealer Primer is a one component, solvent based, transparent white primer based on a complex blend of penetrative resins and solvents reinforced with a special blend of fillers to produce a primer with excellent adhesion and overcoating properties.

Intended uses

Bituminous & Porous Sealer Primer has been specifically developed as a high-performance sealer for porous and bituminous surfaces prior to the application of a topcoat.

It is suitable for use on substrates such as concrete, asbestos, bitumen, felt and existing acrylic surfaces.

Properties

- A single pack air drying primer.
- Penetrates and reinforces the substrate to establish good adhesion.
- Excellent penetrating properties.
- Excellent adhesion to a variety of surfaces.
- Provides an adhesive surface for subsequent coats.
- Excellent water barrier coating.
- Can be used with a variety of topcoats.
- Easy to apply.

Technical Data

Colour	Transparent white	
Finish	Matt	
Density (approx.)	0.89 Kg/ Litre	
Volume Solids	20%	
Mix Ratio (volume)	Supplied ready for use	
Typical Film Thickness	25 µm DFT	
Theoretical Coverage (One coat)	Smooth asphalt or felt	8.4 m ² / Litre
	Mineral felt or small chippings	4.6 m ² / Litre
	De-chipped felt	3.7 m ² / Litre
	Concrete or brick	4.6 m ² / Litre
	Asbestos cement new	8.4 m ² / Litre
	Asbestos cement weathered	4.6 m ² / Litre
Method of Application	Brush, roller or airless spray	
Number of Coats	1	
Viscosity	60 second FC4	
Pack Sizes	5 Litre, 20 Litre	

Drying Information:

	- 5°C	0°C	10°C	20°C	30°C	40°C
Touch Dry	-	-	-	2 hrs	-	-
Hard Dry	-	-	-	4 hrs	-	-
Overcoating Data – See Limitations						
Substrate Temp.	- 5°C	0°C	10°C	20°C	30°C	40°C
Minimum	-	-	-	4 hrs	-	-
Maximum	Extended*					

Note*: See additional information – definitions and abbreviations. As a general guide Bituminous & Porous Sealer Primer should not be overcoated until it is sufficiently hard to permit light foot traffic. Bituminous & Porous Sealer Primer should not be overcoated until the film is completely dry and free from solvent.

Surface Preparation

Consult Specialized Coating Systems technical department for project specific method statements. The following is a general guideline.

- All surfaces to be treated must be sound, dry, and free from contaminants.
- Clean down all areas to be coated.
- Surface subjected to fungal growth should first be treated with Fungicidal Wash.

Application

Mixing	Material is supplied in a steel container. This is a one component product and does not require a hardener. Agitate/stir the product well before use to ensure a homogeneous mix and no settlement of pigments.
Brush/Roller/Broom	Should be applied with a good quality brush, roller or broom evenly over the surface avoiding excess thickness or ponding. The spreading rate guide should be used when estimating the quantities required.
Airless Spray	Tip Range 11-15 Thou. Pressure at the tip should not be less than 150 bar (2200 PSI).
Thinner	Solvent XL (0 – 20% depending on application method)
Cleaner	SA65 Thinner (For dry paint & equipment)
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 dependent upon the amount sprayed, temperature and elapsed time. Work strictly in accordance with the specified pot life of the material.

Environment:

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

* Higher temperatures result in reduced sag resistance and faster cure. The higher the humidity, the slower the drying and subsequent overcoating of the primer.

Architectural & Decorative: Primers

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.

Limitations:

- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- 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 results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.

Storage:

- Shelf Life: 12 Months minimum at 25°C. Subject to inspection thereafter.
- Store in dry conditions out of direct sunlight away from sources of heat or ignition.

Precautions:

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.