

LeakSeal® Waterproof Plaster Primer SB

A waterproof masonry primer

A one component, solvent based cementitious modified polymer waterproof primer for masonry / mineral substrates internally and externally.

Intended Uses:

A white pigmented primer for waterproofing walls & other masonry surfaces subject to rising damp to render the surface waterproof prior to painting

Can be used on “under-cured” concrete/masonry where moisture is still present. Acts as a dense, impermeable barrier to water.

For critical surfaces where temperature during application is low and where moisture in the substrate cannot be controlled.

Formulated for application direct to masonry / mineral surfaces only. It is not for application to existing acrylic coatings as it will serve no benefit.

It is alkali resistant and can also be used as a primer for acrylate topcoats.

Properties:

- Fast drying.
- Forms a dense, impenetrable layer to seal & prime damp masonry.
- It is applied thick to seal the masonry to establish good waterproofing.
- Excellent adhesion to suitably prepared masonry substrates.
- Excellent surface for subsequent coats or tile adhesives.
- Will resist negative and positive pressure. Can withstand 2 bar back pressure (6-meter water head) making it ideal for basement & underground internal waterproofing.

Technical Data:

Colour	White
Finish	Matt
Density	1.49 Kg/ Litre
Volume Solids	49%
Mass Solids	70%
PVC	54%
Typical Film Thickness	General Primer 85 – 100µm Rising Damp & Waterproofing 170 – 200µm
Theoretical Coverage	4.9 m ² / Litre @ 100µm DFT, allow for loss factors
Method of Application	Brush, roller, or airless spray
Number of Coats	1 to 2 depending on application requirement. 2 coats if applying over 100µm DFT.

Drying Information:

	0°C	5°C	15°C	25°C	40°C	45°C
Touch Dry	-	-	-	1 hr	-	-
Hard Dry	-	-	-	16 hrs	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	15°C	25°C	40°C	45°C
Minimum	-	-	-	16 hrs	-	-
Maximum	Extended*					

* See additional information – Definitions & Abbreviations

Surface Preparation:

New Work

Remove oil, grease, dirt and any other contamination with Hydrosolve Degreaser followed by freshwater rinses to remove traces of detergent.

The substrate must be solid, clean, as dry as possible, load bearing and free from efflorescence, sinter layers, separating agents and corrosion promoting components.

This product is to be applied to mineral surfaces only, any existing coatings must be removed prior to application.

Application:

Mixing	Material is supplied in steel containers. 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.		
Thinner	Mineral Turps	0 – 10% depending on application to non-porous substrates, for spray only.	
Airless Spray	Recommended	Tip range 17 – 23 Thou. Pressure at the tip should not be less than 170 bar (2500 PSI).	
Air Spray	Recommended	Gun	Pressure/Gravity Feed
		Fluid Tip	1.1mm to 1.6mm
Brush/Roller	Recommended	Typically, 80 – 100µm DFT can be achieved.	
Work Stoppage	Thoroughly flush all equipment with Brush Cleaner . All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered, and viscosity re-adjusted before used.		
Clean Up	Clean all equipment immediately after use with Brush Cleaner . It is advisable to periodically flush out spraying equipment throughout the course of the working day. Frequency of cleaning is dependant of upon the amount sprayed, temperature and elapsed time, including delays.		
Notes	Good airflow is essential around the object once coated.		

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.

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:

- Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE section of this data sheet.
- 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.

Pack Size:

5 & 20 Litre.

Storage:

- Shelf Life: 12 months at 25°C from date of manufacture. 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.