

LEAKSEAL® Vapour Barrier WB

INTERIOR & EXTERIOR

WATER BASED

Description:

A one component, water based high performance acrylic primer with excellent vapour barrier & superior water resistance properties.

Intended Uses:

LEAKSEAL Vapour Barrier WB is a high-performance primer designed for priming absorbent & non-absorbent subfloors prior to the application of wooden & resinous flooring systems

This primer will penetrate and bind highly dense or dusty substrates providing a solid surface on which adhesive can be applied prior to laying down solid wooden floors, parquet wooden floors or wood laminate flooring. LEAKSEAL Vapour Barrier WB has excellent water vapour barrier properties, blocking excessive residual moisture in cement screeds & concrete. (Provided the concrete or cement screed is at least 28 days old & there is no visible water on the surface) & preventing moisture penetration on floors in houses built in areas where there is a high-water table and a risk of wooden or resinous flooring systems being damaged as a result.

Features & Benefits:

- Excellent water vapour barrier properties.
- Superior water resistance.
- Excellent adhesion on cementitious substrates.
- Good penetration properties.
- Reinforces substrate to establish a solid surface.
- Low VOC

Certifications:

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Technical Data:

Product Physical Form	Liquid
Binder Type	High performance acrylic
Colour	Transparent green
Appearance	-
Volume Solids	32 ± 2%
Density (Kg/ Lt @ 23°C)	1.02 ± 0.05
PH	-
Recommended WFT	65 – 95µm per coat
Recommended DFT	20 – 30µm per coat
Spreading Rate	10 – 16 m ² / Litre per coat (Depending on surface porosity)
Number of Coats	Minimum 2
Viscosity KU	Approx. 60 – 70 KU ± 10
Method of Application	Roller or brush
Pack Size	1, 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. Subject to inspection thereafter.

WOOD & FURNITURE COATINGS: CLEANERS & PREPARATION

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

Important Information:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- 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.
- During the winter months, do not paint in the early hours of the morning when it's cold & frost or dew may be present. This will negatively affect the products ability to cure & bond to the surface.
- During the summer months, do not paint in the middle of the afternoon when surface temperatures are above 40°C. This will negatively affect the products ability to cure & bond to the surface.
- This product cannot be used in cases where there is heavy, constant rising moisture as the product is not a replacement for structural waterproofing.
- Do not apply this product onto PVC, CV, rubber or linoleum flooring.

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.
- Laitance and loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.
- Moisture content of concrete surfaces should not exceed 4%.

Substrate	Cleaner
Concrete, Cement Screeds & Paving	Surfaces need to be mechanically prepared by milling, grinding or shot blasting. It is important that any laitance, loose or weak surface layers are removed and repaired. The area should then be thoroughly vacuumed before starting application.

Application:

Mixing	Stir well with a flat-bottomed paddle or mechanical mixer for a few minutes		
Mix Ratio	N/A		
Pot Life	N/A		
Application Tools	Roller or brush (Roller is recommended)		
Application Area	Floors:		
	Spreading Rate	10 – 16 m ² / Litre per coat	
	Recommended WFT (per coat)	Min 65µm	Max 95µm
	Recommended DFT (per coat)	Min 20µm	Max 30µm
	Number of Coats	Minimum 2 coats	
	Extra Information: • The 2 layers should be applied in a criss-cross method.		
Thinner	Do not dilute		
Clean Up	Clean all equipment immediately after use with Water (Gelled or dried material can be cleaned with SA 65 Thinners)		

Application Environment			
	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	15°C	15°C	Now Lower Limit
Maximum	40°C	35°C	85%

WOOD & FURNITURE COATINGS: CLEANERS & PREPARATION

Drying & Overcoating Information	
Touch Dry	1 hour @ 23°C
Overcoating Time	4 hours @ 23°C
Hard Dry	6 hours @ 23°C
Full Cure	24 hours @ 23°C
Extra Information	Drying times extended in cold, wet, or humid conditions • Allow complete drying time before application of adhesives or resinous topcoats.

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.