

LEAKSEAL® CRACK-SEAL Undercoat

INTERIOR & EXTERIOR

WATER BASED

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Description:

A one component, water based, textured & fibre-reinforced elastic acrylic paint.

Intended Uses:

LEAKSEAL® CRACK-SEAL Undercoat is a high-performance undercoat specifically formulated to bridge & seal minor cracks and imperfections on wall surfaces prior to the application of topcoats. This innovative undercoat provides a flexible, watertight barrier that prevents moisture penetration, improves intercoat adhesion, and enhances the overall durability and aesthetic of the final paint system.

Ideal for both interior and exterior wall applications, LEAKSEAL® CRACK-SEAL Undercoat offers excellent crack-bridging capabilities, superior adhesion, and a smooth, uniform base for a wide range of decorative and protective topcoats.

Features & Benefits:

- Superior Crack Bridging – Fills & seals hairline cracks and small imperfections, preventing their reappearance in the final topcoat.
- Flexible & Elastomeric – Forms a highly elastic film that expands and contracts with the substrate, accommodating minor movement and resisting future crack formation.
- Excellent Adhesion – Provides a strong bond to various substrates and ensures optimal intercoat adhesion between the undercoat and subsequent topcoats.
- Watertight Barrier – Creates an effective waterproof seal, protecting surfaces from moisture ingress.
- Smooth & Uniform Finish – Provides an ideal base for overcoating and promotes an even appearance for the final paint system.

Certifications:

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Technical Data:

Product Physical Form	Liquid
Binder Type	Modified acrylic
Colour	White
Appearance	Smooth matt
Volume Solids	TBC ± 2%
Density (Kg/ Lt @ 23°C)	TBC ± 0.05
Diluent	Supplied ready for use
PH	TBC ± 0.5
Recommended WFT	TBC – TBC µm per coat
Recommended DFT	TBC – TBC µm per coat
Spreading Rate	TBC – TBC m ² / Litre per coat
Number of Coats	1 – 2 coats
Viscosity KU	Approx. TBC ± 10 KU
Method of Application	Brush, roller or spray
Pack Size	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

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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

Latest Update:
24/06/2025
Issue Date:
24/06/2025

Important Information:

- 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 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.
- 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 45°C. This will negatively affect the products ability to cure & 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.
- Laitance and loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.
- Moisture content of concrete surfaces should not exceed 4%.
- After the cleaning process & before application of the topcoat coat, it's important that surfaces have been allowed the proper drying time.

Substrate	Cleaner	Primer
New Cement Plaster, Concrete & Porous Brickwork	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	No Primer Required. Ensure concrete has dried for 4 weeks & cement plaster for 2 weeks.
Old Cement Plaster, Concrete & Porous Brickwork	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	No Primer Required.
Gypsum Plaster (Rhinolite)	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	No Primer Required
Fibre Cement Unpainted/Painted & Weathered	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	No Primer Required

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 Type:		
	Spreading Rate	TBC – TBC m²/ Litre per coat	
	Recommended WFT (per coat)	Min TBC µm	Max TBC µm
	Recommended DFT (per coat)	Min TBC µm	Max TBC µm
	Number of Coats	1 – 2 coats	
	Extra Information:		
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Thinner	Supplied ready for use		
Work Stoppage	Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Water . Once the kit has been mixed, they should not be re-		

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	sealed and it is advised that of prolonged stoppages, work recommences with freshly mixed units
Clean Up	Clean all equipment immediately after use with Water . 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	10°C	10°C	10%
Maximum	45°C	35°C	85%

Drying & Overcoating Information	
Touch Dry	1 hour @ 23°C
Overcoating Time	2 – 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

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.

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