

LEAKSEAL® FibreSeal BLUE Caulk Waterproofing

EXTERIOR

WATER BASED

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Description:

A one component, water based, flexible, fibre reinforced, thixotropic hybrid polyurethane waterproofing sealant for filling gaps up to 6mm thick.

Intended Uses:

LEAKSEAL® FibreSeal BLUE Caulk Waterproofing is a brush-able, pasty, waterproofing sealant with excellent tensile strength and durability. Designed for reinforcing & sealing seal seams, curbs, penetrations and fasteners on roofs.

This product provides excellent waterproofing properties and is typically used for sealing gaps on roofs between 3 - 6mm before application of LEAKSEAL® FibreSeal Blue Caulk Waterproofing and a UV stable topcoat. This product can be used on metal, modified bitumen, single ply membranes, concrete & roofing tiles.

Features & Benefits:

- Excellent Waterproofing – Effectively seals & protects against water ingress
- Fibre Reinforced – Enhanced strength & durability.
- High Tensile Strength – Provides strong reinforcement for seams, gaps & penetrations.
- Durable – Long lasting performance in different weather conditions.
- Water Based – Environmentally friendly & easy cleanup.
- Flexible – Adapts to varying temperatures & movement.

Certifications:

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Technical Data:

Product Physical Form	Paste
Binder Type	Hybrid polyurethane
Colour	BLUE
Appearance	Smooth matt
Volume Solids	53 ± 2%
Density (Kg/ Lt @ 23°C)	1,32 ± 0.05
Diluent	Product comes ready for use (Do not dilute)
Recommended thickness	2 - 6 mm per coat
Spreading Rate	Coverage rate depends on use. Used to fill gaps from 2-6 mm per coat
Method of Application	Brush or putty knife
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 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.
- Do not use this product directly on bitumen waterproofing systems. (Surface must first be primed using **Bituminous & Porous Sealer Primer**)

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 primer coat, it's important that surfaces have been allowed the proper drying time.

Substrate	Cleaner	Primer
New Galvanized Iron	Clean with Galvanized Iron Cleaner to achieve a water break free surface. Rinse thoroughly with water to remove all traces of cleaner.	SIMPLY® Metal & Rust Primer or SpecNox Anti-Corrosive WB
Un-Painted & Weathered Galvanized Iron, ZincAlume, Aluzinc	Clean with Galvanized Iron Cleaner to achieve a water break free surface. Rinse thoroughly with water to remove all traces of cleaner until a water break free surface is obtained.	Areas showing red rust must be patch primed with SIMPLY® Metal & Rust or SpecNox Anti-Corrosive WB . The whole surface must then be primed with SIMPLY® Metal & Rust or SpecNox Anti-Corrosive WB
Mild Steel	Clean with Hydrosolve Degreaser and rinse thoroughly with water. Remove any rust by coarse sanding or with bristle brushes.	Areas showing red rust must be patch primed with SIMPLY® Metal & Rust Primer or SpecNox Anti-Corrosive WB . The whole surface must then be primed with SIMPLY® Metal & Rust or SpecNox Anti-Corrosive WB
Cement, Clay or Fibre Cement Tiles	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	SIMPLY® Bonding Liquid SB .
Chromadek	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	Epoxy Strontium Chromate Primer or Epoxy Surtol Aluminium Fast .

WATERPROOFING: LIQUID WATERPROOFING

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

Application:

Mixing	Stir well with a flat-bottomed paddle or mechanical mixer for a few minutes
Application Tools	Brush
Thinner	Product comes ready for use (Do not dilute)
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	50°C	35°C	85%

Drying & Overcoating Information	
Touch Dry	1-3 hours @ 23°C
Overcoating Time	24 hours @ 23°C
Hard Dry	1-2 days @ 23°C
Full Cure	7 days @ 23°C
Extra Information	Drying times will be extended during periods of low temperature or high humidity.

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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