

LEAKSEAL® FibreShield Waterproofing

EXTERIOR

1K

WATER BASED

A one component, quick and easy to apply, flexible, fibre reinforced water-based acrylic waterproofing.

Intended Uses:

LEAKSEAL® Fibre Shield Waterproofing is suitable for cement and concrete walls, parapets, tops of freestanding walls, tiled roof capping's, gutters, roof features, roof screws & tiles. It effectively bridges hairline cracks without the need for a separate reinforcing membrane.

LEAKSEAL® Fibre Shield Waterproofing provides outstanding adhesion, ensuring a stable foundation for subsequent topcoats. UV stable topcoats such as SIMPLY® Metal & Rust, SIMPLY® Roof Paint and LEAKSEAL® Liquid Rubber Waterproofing can be applied to provide a long-lasting coating system for your roof.

Features & Benefits:

- Weather resistant
- Fibre Reinforced – Bridges hairline cracks without the need for a waterproofing membrane.
- Enhanced Strength – Fibres prevent cracking and improves durability of coating.
- Easy to apply by brush, rolls or trowel
- Excellent adhesion to most substrates
- Flexible & Seamless – adapts to surface movements and prevents seepage
- Non-toxic water-based product with no use of solvent. Low odour health concerns.
- Can be recoated within 48 hours
- Excellent alkali resistance

Certifications:

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Technical Data:

Product Physical Form	Liquid
Binder Type	Modified Acrylic
Colour	White
Appearance	Low Sheen
Volume Solids	46± 2%
Density (Kg/ Lt @ 23°C)	1.28 ± 0.05
Diluent	Product comes ready for use
Recommended WFT	1090-2170µm per coat
Recommended DFT	1000 - 2000 µm Total 500 - 1000µm per coat
Spreading Rate	1.09 to 2.17 Lt / m ²
Number of Coats	Minimum 1 coat
Viscosity KU	Approx. 135KU ± 10
Method of Application	Brush, Roller or Trowel
Pack Size	5 & 20 Lt
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.
- Only use recommended solvents/diluents to avoid gelling or colour variations.
- When painting, to ensure colour consistency, it is important that all product used on the project share the same batch number.
- 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)
- This product is not recommended for flat roofs, immersion conditions & areas where ponding is present.
- Generally, no membrane is required during application except on areas where there is movement or joins on walls & roofs and additional reinforcement is required.

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%.
- Porous/very absorbent surfaces may require more than 1 coat of primer to properly seal the surface.
- After the cleaning process & before application of the primer coat, it's important that surfaces have been allowed the proper drying time.
- Hairline cracks on wall surfaces needs to be sanded down. LEAKSEAL® Fibre Shield Waterproofing can then be brushed into the cracks to fill & bridges those cracks.
- Larger cracks will need to be filled properly using REPAIR – Cement Mortar Flexi or REPAIR – Patching & Crack Filler READYMIX.

Substrate	Cleaner	Primer
New Cement Plaster, Concrete & Porous Brickwork	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	SIMPLY® Plaster Primer SB or SIMPLY® Plaster Primer WB. 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.	SIMPLY® Plaster Primer SB or SIMPLY® Plaster Primer WB.
Gypsum Plaster (Rhinolite)	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	SIMPLY® Plaster Primer SB
Fibre Cement Unpainted/Painted & Weathered	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	SIMPLY® Plaster Primer SB or SIMPLY® Plaster Primer WB.

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Mild Steel	Clean with Hydrosolve Degreaser and rinse thoroughly with water. Remove any rust by coarse sanding or with bristle brushes.	SIMPLY® Metal & Rust or SIMPLY® Metal Primer WB.
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 or SIMPLY® Metal Primer WB.
Chromadek	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	Epoxy Strontium Chromate Primer or Epoxy Surtol Aluminium Fast.
Painted & Weathered Galvanized Iron or Mild Steel	Mechanically clean using a high-pressure water cleaner to remove all loose paint, chalk & dirt or scrub down with bristle brushes and water.	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
Previously Painted Surfaces in Good Condition	Clean with weak solution of Hydrosolve Degreaser and rinse thoroughly with water.	SIMPLY® Universal Undercoat on glossy enamel surfaces. No primer required on acrylic surfaces.
Previously Painted Surfaces in Poor Condition	Remove any poorly adherent paint by most appropriate means necessary. Clean with weak solution of Hydrosolve Degreaser and rinse thoroughly with water.	If still chalky after preparation, prime with SIMPLY® Plaster Primer SB or SIMPLY® Bonding Liquid SB.
Damp Surfaces	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	LEAKSEAL® Waterproof Plaster Primer SB

Application:

Mixing	Stir well with a flat-bottomed paddle until homogeneous
Application Tools	Brush, roller, or trowel
Thinner	Product comes ready for use
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	35°C	35°C	85%

Drying & Overcoating Information

Touch Dry	1 hours @ 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:

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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

Consult with Specialized Coating System for application specific recommendations.

Safety Information:

- Refer to product MSDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.
- Apply in well-ventilated areas.