

LEAKSEAL® Umbrella Rubber

EXTERIOR

WATER BASED

1K

Description:

A one component, water based, pure acrylic, high solids, weather & UV resistant, crack resistant, highly elastic waterproofing coating.

Intended Uses:

LEAKSEAL® Umbrella Rubber is a high-performance, liquid-applied waterproofing coating formulated for pitched and flat roofing systems. It provides a durable and UV-resistant finish that resists weathering. Once cured, it offers long-lasting colour retention and excellent waterproofing properties.

This product is also suitable for use in box gutters or for areas where ponding is a concern.

Features & Benefits:

- Excellent weather resistance.
- Provides a seamless finish.
- Excellent durability.
- Excellent UV resistance.
- Highly elastic with good crack bridging properties.
- Very good flexibility retention after weathering.
- Excellent waterproofing properties.

Certifications:

-

Technical Data:

Product Physical Form	Liquid
Binder Type	Pure acrylic
Colour	White & RAL Colours
Appearance	Smooth semi matt
Volume Solids	54 ± 2% (Depending on colour)
Density (Kg/ Lt @ 23°C)	1.30 ± 0.05
Diluent	Product comes ready for use
Recommended WFT	475 – 950 µm per coat
Recommended DFT	250 - 500 µm per coat
Spreading Rate	1.05 m ² / Litre per coat at 500um DFT
Number of Coats	2
Method of Application	Spray, brush or roller
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

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

Important Information:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- 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 immersion conditions.

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
Concrete	Mechanically clean using a high-pressure water cleaner or with bristle brushes.	SIMPLY® Acrylic Sealer. Ensure concrete has dried for 4 weeks & cement plaster for 2 weeks.
Mild Steel	Clean with Hydrosolve Degreaser and rinse thoroughly with water. Remove any rust by coarse sanding or with bristle brushes.	SIMPLY® Metal & Rust Primer 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 Primer 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 Primer or SpecNox Anti-Corrosive WB. The whole surface must then be primed with SIMPLY® Metal & Rust Primer or SpecNox Anti-Corrosive WB

WATERPROOFING: LIQUID WATERPROOFING

Page 2 of 3

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 spray
Thinner	Product comes ready for use
Work Stoppage	Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Water .
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 hour @ 23°C
Overcoating Time	24 hours @ 23°C
Hard Dry	24 hours @ 23°C
Full Cure	5-7 days @ 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.