



SEAL WATER GUARD

ACRYLIC WATERPROOFING



The High Tech **Eco-Friendly** Elastomeric Acrylic Waterproofing for
Interior & Exterior Applications

Technical Datasheet



www.seal-coatings.com

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Product description

Seal Water Guard is a single component, elastomeric, acrylic waterproofing and protective coating. Having the waterproofing impervious and elongation properties in addition to the strong bonding on most substrates, Seal Water Guard upon curing forms a tough, flexible and durable coating which is resistant to UV and other weathering agents. Seal Water Guard creates an excellent seamless Waterproofing coating that would seal and waterproof any exterior or interior area in addition to protect exposed concrete structures against carbonation and chloride ion diffusion. Furthermore, It contains special anti – fungal biocides suitable for exterior surfaces and infrequent damped areas. After setting, the product offers good waterproofing and weatherproofing properties. the elongation property of water guard resists the Surfacing of any cracks emanating from substrate.

Typical applied surfaces

- Powder coated / galvanized metal roofs and walls
- Concrete roofs and walls
- Brick walls
- Masonry

Theoretical spread rate

2 m² / L @ 500 Microns WFT

Solid content

55% by volume ± 5 Volume %

62% by weight ± 2%

Approximate drying time

To re-coat: 4 hours, Fully dry 12 hours

Specific gravity

1.2 kg ± 5% ; theoretical for white

Equipment

Roller or airless spray application is recommended

Thinning

Approx. 0%-5% with sweet water.

Packaging size

Available in 4L and 18 Liters (Pail)

Colours

White

Benefits

- Single component, easy to apply
- Excellent UV resistance
- Can be used for interior and exterior applications
- Elastomeric- high crack bridging capability
- Non-toxic, water-based, low VOC
- Eliminates blistering, peeling & cracking
- Excellent bonding to most substrates
- Excellent breathability
- Water Resistance
- Very low maintenance/repair costs
- High solar reflective index
- Protects exposed concrete structures against carbonation
- Environmentally friendly

Recommended system

Primer on concrete: Seal Acroprime	1 Coat
Primer on metal: Seal Metprime	1 Coat
Seal Water Guard	2 Coats

Characteristic properties

Type	Results
Liquid:	Liquid pigmented
Colour:	White, Grey
Gloss:	Matt
Ultimate Elongation:	600 %
Tensile Strength:	17 kg/m ²
Resistance to wear and tear :	Excellent
Resistance to Ageing:	Excellent
Resistance to Atmospheric Agent:	Excellent
Adhesion Strength	ASTM D 4541-09
	3.0 N/mm ² Concrete





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Conditions during application

The temperature of the substrate upon application should not be less than 8°C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Recommended film thickness / coat

Dry film thickness : 330 microns (µm)*

Wet film thickness : 500 microns (µm)*

* Film thickness can vary on different types of exterior applications.

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease etc. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Drying times

The given below data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, wind factor, film thickness, ventilation, and humidity.

Surface Temp.	10 °C	25 °C	40 °C
Surface (touch) dry	3h	1h	0.4h
Hard dry	10h	6h	3h
Dry for 2nd coat	4h	2h	1h

Specification of airless spray

Nozzle tip: 0.021" - 0.027"

Spray angle degrees: 65°- 80°

Pressure at nozzle: 1200-2100 psi

Airless spray type: Piston or Diaphragm pump

Health and safety (MSDS)

Safety Data Sheets (SDS) are available from Seal Coatings to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. For further questions consult your Seal Coatings agent.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Disclaimer

The information in this document is given to the best of Seal Coatings knowledge, based on laboratory testing and practical experience. Seal Coatings are often used under conditions beyond Seal Coatings control. Seal Coatings or authorized distributors or agents across the globe cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Seal Coatings reserves the right to change the given data without further notice.

