

PRODUCT DATA SHEET

SikaWall®-444 Aqua Seal

Super performance elastomeric waterproof decorative exterior wall coating system (Formerly CLEARSEAL)

DESCRIPTION

SikaWall®-444 Aqua Seal is premium quality acrylic copolymer exterior waterproof wall coating with excellent resistance to efflorescence. It has excellent durability, and low dirt pick up.

USES

As a waterproof, weatherproof, protective and decorative coating for

- exterior masonry walls
- interior walls
- internal or external concrete
- cement mortar and sand rendered surfaces
- dry wall surfaces like gypsum, cement fibre boards, asbestos
- concrete or masonry surfaces exposed to saline environment

CHARACTERISTICS / ADVANTAGES

- Excellent UV resistance
- Excellent breathability
- Excellent colour retention
- Excellent weatherability
- Low dirt pick up
- Forms a very smooth and flexible waterproof film
- Good fungus and microbial resistance
- Environment and user friendly
- Elastomeric and crack bridging
- Very high stain resistance
- Decorative finish
- Easily cleanable
- Very low VOC, no smell
- Low maintenance

PRODUCT INFORMATION

Chemical base	Acrylic copolymer
Packaging	20 L container
Appearance / Colour	Liquid / Various colours
Shelf life	12 months from date of production
Storage conditions	The product must be stored in undamaged and unopened, original sealed packaging, in dry conditions and protected from direct sunlight at temperatures between +5 °C and +35 °C. Protect from frost.
Density	~1.3 kg/L at +30 °C (EN ISO 2811-1)

TECHNICAL INFORMATION

Tensile strength	~1.5 N/mm ² (ASTM D412)
Elongation at break	~ 400 % (ASTM D412)

SYSTEM INFORMATION

System structure	Layer	Product	Consumption
	Primer	SikaWall®-22 Exterior Primer	0.100–0.150 L/m ²
	Base coat	SikaWall®-444 Aqua Seal	0.110–0.150 L/m ²
	Top coat	SikaWall®-444 Aqua Seal	0.110–0.150 L/m ²

Dry film thickness	~130–140 microns
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APPLICATION INFORMATION

Ambient air temperature	+10 °C min. / +35 °C max.	
Substrate temperature	+10 °C min. / +35 °C max.	
Curing time	Full cure ~7 days	
Waiting time / Overcoating	Layer	Overcoating time at +30°C
	Base coat over Primer	2–3 h
	Top coat over base coat	3–4 h

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

- Substrate shall be clean and dry, homogeneous, free from oil and grease, dust and loose or friable particles.
- The surface should be sound, free from paint, cement laitance, old coatings and any other contaminants.
- All new cement sand renderings, concrete surfaces should be allowed to age for minimum of 28 days before coating.
- The surface may be damp or moist with no standing water.

SUBSTRATE PREPARATION

Cement concrete surface should be thoroughly abraded by a wire brush and loosened particles should be removed by washing or blown air.

MIXING

The materials are supplied ready to use. Stir thoroughly using a conventional paint stirrer prior to application.

APPLICATION

- SikaWall®-22 Exterior Primer is recommended for getting optimum coverage and bonding with substrate.
- Apply two coats of SikaWall®-444 Aqua Seal without any dilution by brush, roller or airless spray at over coating interval of 5–6 hours.

NOTE:

Protect from rain for at least 4 hours.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened or cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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