

SEALEX AS

Solvent-Base Acrylic Sealer

Description:

SEALEX AS is a pure acrylic concrete sealer that protects and enhances the appearance of cured concrete with a clear, durable, non-yellowing hard seal.

SEALEX AS is specially formulated to enhance the color of stamped concrete, exposed aggregate and colored concrete pavers, making these surfaces look deep and rich in appearance. It provides protection against the damaging effects of traffic, weather while allowing the concrete to “breathe”.

Uses:

SEALEX AS used as a water sealer at:

- Building facades, car parks, bridges.
- As a sealer on EIFS system.
- As a concrete sealer on driveways, industrial floors, swimming pools and loading docks.
- Natural stone facades and exposed aggregates for villas and buildings.
- Protection against oil, cleaning agent, salt effects
- Protection against weathering and rain.
- Sealer and top coat for stained and stamped concrete after full curing.
- Decorative concrete overlays, terrazzo.
- Maintenance of facades without altering colors and features (but wet look medium sheen effect is expected).
- Primer for acrylic topping (anti-carbonation coatings or weather shield coatings) for porous surfaces.

Advantages:

- High adhesion and coverage performance.
- Prevents carbon dioxide and chlorine ingress.
- Environmentally friendly, water-based vapor barrier and protective sealer
- Resistant to UV, withstands sun light without yellowing.
- Integral film, does not deteriorate with freeze/thaw cycles
- Enhances the color of stamped concrete and brings out the antique and texture effect.

- Protects surfaces against stain caused by oil and food spills.
- Available as a clear or colored sealer with gloss or matte finish.
- Ease of application, applied manually or by a manual spray pump
- Improves the surface resistance against rain, sun, oil, air pollution, grease, salts.

Instructions for Use:

Surface Preparation:

The surface of the concrete or plaster must be clean, solid, free from grease, and totally dry to guarantee maximum penetration. Oil or grease stains must be completely removed. All necessary repairs or crack filling should be completed before start of application.

Surfaces with salty efflorescence must be cleaned mechanically or rinsed with water. Allow surface to totally dry, before proceeding with the application.

New concrete must be cured before applying SEALEX AS. All concrete curing compound must be mechanically removed, along with any foreign material.

Mixing:

Product is ready to use directly. It does not require thinning or other special preparations prior to application. It does, however, require thorough stirring before application and periodic agitation during prolonged applications.

Application:

SEALEX AS is applied directly to the substrate with a brush, roller, or spray machine (which is recommended for large areas). The best application practice is to perform wet to wet application. This can be achieved by applying a sufficient coat of SEALEX AS to ensure proper coverage with the first coat. Then apply the second coat onto the first coat without waiting to dry (wet on wet).

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Standards:

- ASTM C1315, type 1, class A
- ASTM C309, Type 1, class A
- EN 1504-2

TECHNICAL PROPERTIES	
Appearance	Clear liquid
Density	0.9 ± 0.03 kg/lit
Volume Solid	≥20%
Film Thickness	25-50 microns
Dry Time (21°C, 50% RH)	30 min to touch, 1 hr. recoat, 48 hrs. full cure
Finish	Smooth, glossy/matte
Pull Off Adhesion (ASTM D451)	>3.0 mPa (Substrate Failure)
Moisture Vapor Transmission (ASTM E-96)	20 perms
UV Resistance QUV-A (ASTM G154)	No discoloration @300 hours

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

Stain Resistance	
Test	Observation after 24 hours
Distilled Water (cold/hot)	None
Ethyl Alcohol	None
Vinegar	None
Soap Solution	None
Detergent Solution	None
Oils & Fats	None
Ketchup & Mustard	None
Beverages (Tea & Coffee)	None
Lubricating Oils & Grease	None

Coverage:

SEALEX AS coverage rate 6.0-8.0 square meters per liter per coat dependent highly on surface type and porosity. Testing the consumption rate by a sample application is highly recommended.

*Coverage rate is an approximate value, and subject to actual site conditions.

Packaging:

SEALEX AS is supplied in 20 liter jenkins and 200 liters drums.

Storage Conditions:

Store in original packing in dry conditions away from direct sunlight. Damaged packaging, high humidity or extreme temperatures may reduce the shelf life. Store between 10°C to 30°C.

Shelf Life:

SEALEX AS can be utilized within 12 months of production date if stored in proper conditions in an unopened original packing.

Cleaning:

Clean all tools with ARMOSOLVENT prior to full drying of product. Hardened materials can only be removed mechanically.

Remarks:

- Good ventilation must be provided during application and curing.
- It should not be applied in outdoor applications during rainy weather or if rain is expected before complete curing can take place.
- Normally, the surface will become water resistant within 12-16 hours, but in cloudy, damp, cool or humid conditions, curing can take longer.
- Spray application should be performed only with low pressure spray units to prevent excessive misting of the product.
- Do not apply to new concrete surfaces before they have been allowed to cure for a minimum of 28 days.
- Do not use in immersion service or constant chemical exposure areas.

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Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapor or spray mist. The product is flammable, keep away from sources of ignition. DO NOT SMOKE. Take precautionary measures against static discharge.

FIRST AID:

Eyes:	In the event of accidental splashes, flush with warm water and seek medical advice.
Skin:	Wash skin thoroughly with soap and water
Inhalation:	Remove to fresh air, keep patient rested
Ingestion:	Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to
SEALEX AS Material Safety Data Sheet

MATEX Rev.03-1221

MATEX warrants that its products are free from material and manufacturing defects. Instructions on how to use the product should be strictly followed to ensure effectivity and safe use. MATEX shall not be liable either directly or indirectly for any damages to personal, equipment or products that may occur as a consequence of the failure of any products application because it has no direct or continuous control over where or how its products are applied. It is the user's responsibility to acquire always the updated version of datasheets.

