

ACRYMETS-225[®]

Edition 08024

Solvent-Based, Impregnating Pure Acrylic Concrete Sealer

ACRYMETS-225 is a solvent-based, 100% pure acrylic polymer concrete sealer specifically formulated to provide comprehensive protection while simultaneously elevating the aesthetic appeal of cured concrete surfaces. It forms a resilient, non-yellowing glossy film that not only safeguards the substrate but also enhances the complex detailing of decorative concrete, including stamped patterns, colored pavers, and acid-stained finishes. By preserving the integrity of the concrete's surface and intensifying its visual richness, **ACRYMETS-225** ensures long-lasting durability and refined appearance, making it ideal for high-traffic and visually prominent areas.

Advantages

- Can be used in outdoor and indoor applications.
- Forms a protective film against rain and airborne contaminants.
- UV-resistant, Non-yellowing, breathable seal coat for long-term durability.
- Enriches the color and texture of decorative concrete.
- Excellent Resistance to abrasion.
- Excellent adhesion.
- Easy to apply.

Uses

ACRYMETS-225 is specially developed to be a impregnating protective sealer for the following:

- Indoor and outdoor concrete floors
- Stamped concrete floors
- Concrete driveways
- Exposed aggregates floors
- Acid-stained floors
- Pavers & side walks

Technical characteristics of mix at 25° C

Color	Transparent		
Finish	Gloss or Semi-Gloss		
Toxicity	Non-toxic after drying		
Solids volume	20-25 %		
Dry film thickness range	25 – 50 µm		
Theoretical spreading rate	14 m ² / L @ 25 microns DFT (loss factors will apply in practice)		
Flash point	30°C		
VOC	650 g/l		
Surface dry	10°C: 40mins	25°C: 25mins	40°C: 10mins
Through dry	10°C: 4hrs	25°C: 2hrs	40°C: 1hr
Dry to recoat	10°C: 10hrs	25°C: 4hrs	40°C: 2hrs

Package & Coverage

ACRYMETS-225 is supplied in preweighed pails of 1 L, 5L & 18L. (Other pack sizes may be available for large orders)
Approximate film thickness & Coverage rate on smooth surface is as follows:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	25	50	35
Theoretical Spreading Rate (m ² /L)	14	7	10

Exact consumption depends on the type and roughness of the substrate.

Application Instructions

➤ Surface preparation

- New concrete floors must be allowed to cure for at least 14 days.
- All substrates to be coated must be solid, thoroughly clean and free from laitance, dust, loose particles, oil, wax, grease, asphalt, latex and gypsum compounds, curing compounds, sealers and any contaminant that might act as a bond breaker.
- Overwatered, frozen or otherwise weak concrete surfaces must also be cleaned down to sound, solid concrete by mechanical methods.
- Dust and other debris should be removed using vacuum equipment.
- Substrate and ambient temperatures must be at least 5 - 40°C during the application of **ACRYMETS-225**.

➤ Application

- Always ensure accurate measurement of the area to be sealed and calculate the required amount of sealer based on the recommended coverage rates. This precaution helps prevent over-application, which can compromise the effectiveness and appearance of the sealer.
- As a thin mil system, most commonly a roller ranging in nap size from mohair to 3/8" (9.5 mm) is appropriate. Rollers should be premium quality with phenolic core.
- Avoid all general traffic over the surface for a minimum of 8 hours.

- Saturate roller in pan or pail with roller grid, and remove excess product to prevent excessive dripping. Any drips require rolling out.
- First coat may “stand alone” as a single coat depending upon application selected, or applicator and client choice. First coat may also serve as Finish or Top Coat.
- A second coat is applied as soon as the first coat has dried. This time will vary depending upon the condition of the surface and the ambient temperature.
- Provision for ventilation and air movement will be required. When using new rollers, ensure that all loose fibers are removed prior to use, any loose fibers released from the roller will cause unsightly blemishes in the finished coating.
- **ACRYMETS-225** can be sprayed using conventional air spraying or airless spraying, however site trials must be done to determine the appropriate pressure and tip size.

➤ **Precautions**

- **Handle with care. Stir well before use.**
- All tools used must be cleaned immediately after application using a suitable solvent.

Health and safety

ACRYMETS-225 should not come into contact with food, mouth, skin or eyes during application. Always wear safety goggles, dust mask and gloves. If skin contact occurs, wash thoroughly with clean water. Should eye contact occur, rinse immediately with plenty of clean warm water for 15 minutes and seek medical advice. If accidentally swallowed, drink 2 cups of clean water and seek medical advice. Keep away from children reach. Avoid inhalation of spray mist.

ACRYMETS-225 is flammable, so keep it away from any source of smoke, sparks or flame.

Storage & shelf life

Keep the containers in a dry, cool, well-ventilated space and away from source of heat and ignition. Containers must be kept tightly closed. The shelf life of the product is two years in its original sealed packing, stored in a cool dry place.

Technical support

For any technical support, please consult our technical office or representatives.

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