

# ACRYVAR-WM5®

Edition 01025

## Water based Acrylic Sealer

### Description

**ACRYVAR-WM5** is water-based, low-VOC acrylic sealer designed for **VICACEM** microcement finishes and **VICAFLOOR** overlays and other cement-based products. This clear sealer features a self-cross-linking acrylic resin with low water absorbency, deep penetration, and strong adhesion. Free from wax and silicone additives, it offers durability, non-blushing properties, and long-lasting solids retention. **ACRYVAR-WM5** is easy to clean, non-flammable, and environmentally friendly. **ACRYVAR-WM5** is also recommended to be used as a pre-sealer for **PURVASEAL-PA07**.

### Advantages

- Economic & easy to use.
- Solvent free.
- Permeable to water vapour.
- Suitable for indoor and outdoor use.
- Improved adhesion to substrate.
- Reduces surface absorbency.
- Consolidates microcement coatings.
- Stable in humid environment.
- Resistant to the alkalinity of microcement.

### Uses

**ACRYVAR-WM5** is used as a sealer for microcement finishings as well as a pre-sealer prior to **PURVASEAL-PA07**. **ACRYVAR-WM5** can also be used as a sealer and protection coat for facades and cementitious substrates.

### Standards & Specifications

Color	White liquid
Finish	Clear Glossy or Semi-glossy
Application temperature	10°C - 35°C & 35-75% RH, recommended 40-65%
Density	≈ 1 g/Cm <sup>3</sup>
PH	≈ 8 - 9
Dry Solids	30%
Adhesion to concrete Substrate	≥ 1.5 N/mm <sup>2</sup>
Dry to touch	1 hr

### Package & Coverage

**ACRYVAR-WM5** is supplied in 10 Kg Jerricans (other sizes maybe available upon request).

The rate of consumption will be from 0.10 to 0.20 kg/m<sup>2</sup> for 2 coats, depending on the porosity of the substrate and on how it is applied. Allowance should be made for any possible wastage when estimating.

### Application Instructions

#### ➤ Surface preparation

- 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.
- Concrete must have a minimum ICRI Concrete Surface Profile of 1 to 3 (CSP #1 to CSP#3).
- Dust and other debris should be removed using vacuum equipment.
- Substrate and ambient temperatures must be at least 10 - 35°C during the application of **ACRYVAR-WM5**.

#### ➤ Application

- 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.
- A second coat is recommended as soon as the first coat has dried. This time will vary depending upon the condition of the surface and the ambient temperature.
- 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.
- If used as a Pre-sealer for **PURVASEAL-PA07**, it must be allowed to dry for 24hrs before the application of **PURVASEAL-PA07**.

➤ **Precautions**

- **This product is for professional use only. Handle with care. Stir well before use.**
- Tools, brushes and mixing equipment should be cleaned with water immediately after use and before material has dried.

**Health and safety**

**ACRYVAR-WM5** 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.

**Storage & shelf life**

The shelf life of the product is one year in its original, unopened package if stored in normal room temperature.

**Technical support**

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

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