

NawKote™-WR

Technical Data Sheet

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ARCHITECTURAL FINISHES INSPIRED BY ART & SCIENCE



NawKote™-WR

NawKote-WR is a high-quality, water-based microemulsion formulated to provide extensive moisture protection to above grade, vertical masonry & concrete surfaces.

NawKote-WR is a clear, penetrating water repellent. This product significantly reduces water penetration that can cause unsightly appearances and costly repairs. The active ingredient reacts with the mineral matrix of the building material offering extremely high durability. NawKote-WR allows moisture vapors to escape, reducing the risks of spalling or similar failure caused by trapped moisture.

Environmental & Safety Concerns

NawKote-WR is a water-based repellent that has a low Volatile Organic Content (VOC) of less than 175 grams per liter. Use of this product may help your projects qualify for L.E.E.D credits.

Typical Specifications:

- **Density:** 0.97 g/cm³
- **VOC:** (ASTM 3960) 174.7 g/L
- **Water Vapor-Permeable**
- **UV Resistant & Weather Resistant**
- **Resistance to Deicing Chemicals:**
(ASTM C672) no scaling
- **Water Penetration and Leakage:** (ASTM E514-90)
 - Appearance of first visible water (min): none
 - Area of dampness (4h, % of test area): none
 - Water collected (4h, liter): none
- **Application Temperature:** 41° - 100°F (5° - 37.7°C)
- **Reapplication:** wet on wet
- **Shelf Life:** concentrate - 12 months in factory sealed container / ready to use - 24 hours

Product Properties

- Penetrating
- Water-based
- Solvent-free
- Vapor-permeable
- Non-film-forming
- Low VOC

Color Selection

NawKote-WR is colorless and designed to give water repelling properties to exterior surfaces. **NawKote-WR** does not change the appearance of masonry and concrete.

Surface Preparation

Prior to application ensure that substrate is clean, dry and free of dust. Remove loose and unstable material as a sound surface is required for external applications. Be sure to check for any presence of mold release residue from concrete forms. If present, remove according to manufacturer's guidelines.

Substrates that have been treated with acid/chemical wash must be neutralized prior to application.

Alkali or efflorescence should be treated with proper neutralizing compounds as recommended by manufacturers before application can begin.

Application

NawKote-WR should be liberally applied in at least two coats, wet on wet, to the surface of the building material. It should not be applied under pressure or as an aerosol. **NawKote-WR** is supplied in the concentrated form.

Limitations

Not suitable for application on synthetic surfaces such as silicone, urethane, epoxy or plastic. This coating is recommended for use on mineral, absorbent substrates.

Coverage

Approximately 80-240 sq ft/gal (2-6 m²/l). Actual area covered depends on the porosity of the substrate and the application method(s) used.

Cleaning of Application Equipment

Cleanup of equipment with soap and water should be completed before the products have been allowed to dry. Spills or splashes should be cleaned immediately with soap and water and not allowed to dry.

The User of the product assumes all liability for product's use except in situations involving a manufacture's defect. This technical information is offered as advice based on knowledge and practical experience and does not constitute a warranty. Before application, the User shall determine the suitability of the product for its intended use. User should also ensure that the product is thoroughly mixed prior to application as the product may have settled during shipment or storage. Furthermore, it is recommended that the User test the product on a sample area before use. Nawkaw retains the right to make modifications as part of the product's development or improvement of their application; it is the User's duty to ensure they are aware of any such changes. This edition supersedes all earlier editions.

Safety

- Protect eyes and skin from contact with NawKote-WR
- Do not swallow.
- Keep away from children.



NOTE:
See manufacturer's SDS sheet:
www.nawkaw.com/nawkote-wr