

NawTone®-K Opaque

Technical Data Sheet

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Nawkaw®
ARCHITECTURAL FINISHES INSPIRED BY ART & SCIENCE



NawTone®-K Opaque

NawTone-K Opaque is an opaque coating that offers complete hiding power. The mineral binder in this product forms a chemical bond with the substrate. It is available in a wide range of colors, achieved by the addition of lightfast, inorganic pigments.

Characteristics:

UV & WEATHER RESISTANT	ASPIRATORY	ZERO VOC
LIGHTFAST	ECO-FRIENDLY	MOLD & MILDEW RESISTANT
PENETRATING	ODORLESS	DURABLE



NawTone-K Opaque can be applied to masonry and concrete surfaces to create a fully opaque finish. Our customized application techniques make NawTone-K Opaque a superior choice for new construction, renovation, restoration, and preservation projects where an opaque coating is needed.

Because **NawTone-K Opaque** chemically binds with concrete, it is ideal for use on precast and tilt-up projects.

NawTone-K Opaque offers consistent color solutions for complete color changes, decorative applications, and solving color problems. This product is also very effective for covering unsightly or mismatching patch repairs.

Environmental & Safety Concerns

NawTone-K Opaque is water-based, nonflammable, nonhazardous and has **zero VOC** content. Use of this product may help your projects qualify for L.E.E.D credits.

Typical Specifications:

- **Viscosity:** (72° F) 85° - 95° KU
- **pH:** ~11
- **Finish:** flat
- **Nonflammable**
- **VOC:** (ASTM D6886) <1 g/L
- **Abrasion Resistance:** excellent
- **Water Vapor Permeance:** 4.4×10^{-6} g/Pa s⁻¹ m²
- **Water Diffusion Resistance:** s_d (H₂O) <0.01 m
- **UV Resistant—Accelerated Weathering:**
(ASTM G154) pass
- **Application Temperature:** 41° - 110°F (5° - 43°C)
Do not apply in direct sun
- **Dry Time for Reapplication (if required):** 12 hrs
- **Shelf Life:** 12 months in factory sealed container

Product Properties

- Penetrating
- Nonflammable
- Nontoxic
- Water-based
- Solvent-free
- Vapor-permeable
- Non-film-forming
- Zero VOC
- Water washup

*Applications in temperatures below 40°F and when temperatures drop below 40°F within 8 hours of application must be done by Nawkaw.

Color Selection

Nawkaw stains allow you the freedom to choose the colors you want from any color specifiers or actual samples.

Create all levels of color, from completely opaque to just a hint of color.

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

NawTone-K Opaque can be applied by brush, roller, sponge and spray equipment. The product should be thoroughly mixed by stirring before use. The choice of application technique depends on the desired color and finish one wishes to achieve.

It is important to maintain a wet edge at all times, and work to a natural break line.

Limitations

Not suitable for application on synthetic surfaces such as silicone, urethane, epoxy or plastic. This coating cures to a hard finish and is not recommended for use on caulking joints.

Coverage

Approximately 100-200 sq ft/gal (2.5-5 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 water should be completed before the products have been allowed to dry. Spills or overspray should be cleaned with 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 NawTone-K Opaque
- Do not swallow.
- Keep away from children.



NOTE:

See manufacturer's SDS sheet:
www.nawkaw.com/nawtone-k-opaque