



ZeraCrown™ W

Nano-Based Waterborne Urethane-Acrylic Concrete Sealer

DESCRIPTION

ZeraCrown™ W is a single component waterborne, nano-based urethane-modified acrylic concrete sealer and stain. It offers great exterior durability and non-yellowing characteristics, as well as excellent adhesion and chemical resistance. It is offered in a non-slip matte finish.

ZeraCrown™ W can be applied to damp concrete. Good early water-resistance and fast drying provide for faster applications and fewer concerns of unexpected rain after the application.

ZeraCrown™ W is a clear-drying formulation that will tend to impart a rich darkening, or “wet look” quality to many substrates, especially those of a dark or dark-tinted nature.

WHERE TO USE

ZeraCrown™ W is recommended for exposed aggregate concrete, stone and interlocking pavers on horizontal and vertical surfaces. It is ideal for driveways, walkways, patios, pool decks, balcony decks, etc. It is also suitable over acid stained concrete or dye-treated concrete. ZeraCrown™ W enhances the beauty of natural stone in exposed aggregate.

BENEFITS

- Odourless, safe and a non-toxic water-borne sealer
- Excellent UV and weathering resistance
- Provides colour enhancement and a “wet look”
- Non-yellowing characteristics
- Excellent blush resistance
- Fast drying, good early water resistance
- Breathable, yields film with good barrier properties
- Excellent water and chemical resistance
- Resistant to hot tire-pick up
- Fungus and mildew resistant
- Protects against penetration of moisture, deicing, salts, petroleum, rust and efflorescence

SURFACE PREPARATION & APPLICATION

New concrete must be cured for a minimum of 28 days. The temperature must be above 12°C (54°F). The substrate must be free of all dirt, waxes, previously applied coatings, oil, grease, laitance and any foreign matter that may interfere with the bonding of the sealer to the prepared substrate. Cracks and surface defects should be repaired prior to the application of the primer.

All concrete should be **grinded or mechanically abraded** (25 grit sand paper) to provide a proper clean surface for adhesion. Heavy duty (high pressure) **power washing** using with a rating of 1,500 psi or higher is the preferred method for exterior applications. Some surfaces may require combinations of the above to ensure adequate adhesion to the concrete.

ZeraCrown™ should be applied directly after the paving stones are installed and cleaned and allowed to dry completely. Previously installed paving stones or existing concrete surfaces must be clean and dry, free from all grease, oil, laitance and other foreign matter. If doubt exists as to the condition of the surface, chemical cleaning is recommended. Under no conditions should paving stones or concrete surfaces be cleaned by sand blasting.

Interlocking pavers must be cleaned of all efflorescence using a dilute solution of a commercial heavy duty concrete cleaner. Apply as per directions. Thoroughly rinse and allow to dry completely prior to application of ZeraCrown™.

LIMITATIONS

- Minimum application and curing temperature is 10°C (50°F).
- Must be applied over properly prepared surfaces for good adhesion.
- Do not apply during conditions of high humidity.
- Not recommended over other manufacturing products, unless tested for compatibility.

- Protect from rain until dry (at least for 12 hours).
- Apply the product in a thin film to avoid entrapping water that may cause whitening, cracking or peeling.
- Not recommended for heavy vehicular traffic.
- Protect from freezing.

COVERAGE

5-7 m²/L (200-280 ft²/U.S. gal) per coat depending on porosity, surface texture and mode of application.

A minimum of two-coats is required.

PACKAGING

3.79 litres (1 U.S. gal)

CLEAN UP

Clean all equipment with potable water prior to material set.

SAFETY PRECAUTIONS

Consult the Safety Data Sheet (SDS) for specific instructions.

TRANSPORTATION REGULATION

Not regulated.

STORAGE

One year in a closed and sealed container. Protect from freezing. Store under normal heated warehouse conditions.

Health Precautions:

Hazard Statements

- Harmful if swallowed
- Causes skin irritation
- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

- Avoid breathing dust/fumes/gas/mist/vapours/spray
- Wash hands thoroughly after handling
- Contaminated clothing should not be allowed out of the workplace

- Wear protective gloves/protective clothing/eye protection/face protection
- Keep away from children

Response:

- If skin irritation occurs, seek medical advice/attention
- If skin irritation or a rash occurs, seek medical advice/attention
- Take off contaminated clothing and wash before reuse

WARRANTY

The recommendations made and the information herein is the result of accurate laboratory and field tests under controlled conditions. We guarantee that the quality and properties of the materials supplied conform to our standards. Zeraus Products Inc. makes no warranties, expressed or implied, as uses and applications are beyond our control. Zeraus Products Inc. shall not be liable for any injury, loss, or damage (direct or consequential) arising from use or inability to use the products. Before using, the user is urged to pre-test the products in his/her own environment to determine the suitability of the products for their intended use, and the user assumes all risk and liability whatsoever in connection therewith.

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