

# ZeraCryl™ W-204 NS

## Exterior Waterborne Non-Slip Acrylic Coating

### DESCRIPTION

ZeraCryl™ W-204 NS is a non-slip, 100% acrylic, single component self-crosslinking, waterborne coating specifically designed for horizontal masonry and concrete floors.

ZeraCryl™ W-204 NS is based on a highly advanced nano-polymer technology. It offers fast drying, great exterior durability, excellent UV resistance, and non-yellowing characteristics, as well as excellent adhesion and chemical resistance.

ZeraCryl™ W-204 NS can be applied to damp concrete. Good early water-resistance and fast drying provide for faster applications and fewer concerns for unexpected rain after the application.

### WHERE TO USE

ZeraCryl™ W-204 NS is recommended for balcony decks, concrete driveways, patios, pavers, stairs, pool decks, walkways, etc.

### BENEFITS

- Odourless, safe & non-toxic
- Fast drying; allows multiple applications in a single day
- Good early water resistance
- Attractive **non-slip** matte finish
- Single component; just stir and apply
- Excellent colour stability and gloss retention
- **Hot tire pickup resistance**
- Excellent adhesion to properly prepared concrete
- Adheres to damp or semi wet concrete
- Breathable; yields film with good barrier properties
- Non-staining or yellowing
- Highly resistant to solvents, water, salts and oil
- Can be used for both wall and floor applications
- Offered in two attractive colours (Grey and Taupe)
- Easy to clean and maintain with water and detergents

### Handling Properties @ 23°C (74°F)

Application Temperature . . .	12°C- 30°C (54°F-86°F)
Density (coloured) . . . . .	1.2 kg/litre (10 lb./US gal)
Solids . . . . .	32%
VOC, gm/litre . . . . .	96.8

Viscosity, cps . . . . .	2,000
Minimum Application Temperature . . . . .	10°C (50°F)
Thin Film Set Time (Re-coat Time) . . . . .	2-3 hours
Foot Traffic . . . . .	5-6 hours
Full Service . . . . .	7days

### APPLICATION

#### SURFACE PREPARATION

##### Over Epoxy Floors:

The epoxy floor receiving ZeraCryl™ W-204 NS must be clean, dry and free from contaminants. If the epoxy is aged, light sanding to roughen the surface is important to ensure good adhesion.

##### Over Concrete Floors:

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 primer 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) or **acid-etched** to provide a proper clean surface for adhesion. Heavy duty (high pressure) power washing is also an acceptable method for surface preparation.

#### APPLICATIONS:

Mix ZeraCryl™ W-204 NS thoroughly to obtain a uniform colour and to eliminate the possibility of settlement. Pour working material onto a paint tray and apply using a lint-free 9 mm nap roller evenly across the entire floor or wall. **Two coats** are recommended for optimal performance. Apply the second coat in the same manner as the first after the first coat is sufficiently dry (2-3 hours). Allow to cure thoroughly for 5-6 hours for foot traffic.

**NOTE:** The non-slip additive is already blended in the coating as supplied.

**Disclaimer:** Although ZeraCryl™ W-204 NS has a non-slip finish, floors may become slippery under certain conditions. Therefore, it is your own responsibility to determine the level and type of slip resistance that suits your

specific needs. We recommend the use of additional slip-resistant aggregates in your floor if it will be exposed to wet, icy or oily conditions.

## LIMITATIONS

- Minimum application and curing temperature is 10°C (50°F)
- Do not apply during conditions of high humidity
- Not recommended over other paints or sealers, unless tested for compatibility.
- Not recommended for wood decks.
- Protect from rain until dry at least for 5 hours @ 23°C (74°F)
- Not recommended for heavy vehicular traffic.

## COVERAGE

6.0 - 8.6 m<sup>2</sup>/L (250-350 ft<sup>2</sup>/U.S. gal) per coat depending on the porosity, surface texture, and the mode of application.

**A minimum of two-coats is required.**

## PACKAGING

3.79 Litre (1 U.S. gal)

18.9 Litre (5 U.S. gal)

## CLEAN UP

Clean all equipment with potable water prior to material set.

## SAFETY PRECAUTION

Consult the Material Safety Data Sheet (MSDS) 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.

## 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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