



### Technical Data

#### PRODUCT DESCRIPTION

7151 is a 100% acrylic decorative coating used to protect properly prepared masonry, Exterior Insulated and Finish Systems (EIFS), wood and incidental metal surfaces. It offers outstanding color retention, low lustre and exceptional ease of application. Neocrylic resists flaking, peeling and blistering and has excellent durability.

#### FEATURES

- Excellent adhesion, hiding power and color retention
- Breathable
- UV resistance
- Tough, recoatable finish
- VOC compliant

#### COLOR

Neocrylic is available in 2 bases (pastel and neutral) and designed to be tinted to a wide variety of colors.

#### PRODUCT DATA

| Description   | Test Method   | Results               |
|---------------|---------------|-----------------------|
| Density       | ASTM D1475    | 11.3 lbs/gal          |
| Weight Solids | ASTM D5201    | 50%                   |
| Volume Solids | Calculated    | 33%                   |
| Viscosity     | ASTM D562     | 100 KU                |
| VOC Content   | EPA Method 24 | 95 g/L (0.80 lbs/gal) |

#### CURED PHYSICAL PERFORMANCE

| Description                             | Test Method                | Results     |
|---|----------------------------|-------------|
| Accelerated Weathering, 3,000 hrs       | ASTM D4587                 | Passes      |
| Visual Color Change 3,000 hrs           | ASTM D1729                 | Passes      |
| Chalking, 3,000 hrs                     | ASTM D4214                 | Passes      |
| Water-vapor permeance                   | ASTM D1653                 | 20 perms    |
| Salt Spray (fog) Resistance, 500 hrs    | ASTM B117                  | Passed      |
| Flexibility, 1/2" Mandrel               | ASTM D522                  | No Cracking |
| Dirt Pick-up, % after 12 month exposure | ASTM D3719                 | Passed      |
| Impact Resistance, at 30 in-lbs         | ASTM D2794                 | Passed      |
| Algal Fungal Resistance                 | ASTM D3274                 | No Growth   |
| Flash Point, °F                         | ASTM D56 Tag Closed Tester | No Flash    |

#### YIELD

| Texture | Rate, Ft <sup>2</sup> /Gal/Coat | Wet Film, Mils | Dry Film, Mils |
|---------|---------------------------------|----------------|----------------|
| Smooth  | 200 - 300                       | 8 - 5          | 3 - 2          |

#### SURFACE PREPARATION

Surface should be clean and sound. Concrete substrates should have a minimum 28 day cure and be free of all bond-inhibiting contaminants.

High-pressure water blast (or abrasive blast on hard, dense surfaces) surface to medium grit sandpaper texture (reference ICRI guide 03732 SP 3).

Repair any holes, spalled and damaged concrete with appropriate NEOGARD repair materials. Remove any protruding concrete accessories and smooth out any irregularities.

Some stains may require chemical removal. Be sure to neutralize the compounds and rinse with clean water.

Remove any blisters or delaminated areas and sand edges to smooth rough areas and provide transition to old paint areas.

Check adhesion of old paint using ASTM D3359, measuring adhesion by Tape Method A.

Treat cracks greater than 1/32" with knife grade or brush grade patching compound. Treat cracks larger than 1/4" as standard sealant joints and fill with appropriate NEOGARD sealant.

#### MIXING INSTRUCTIONS

Mix Neocrylic at slow speed with drill and mixing paddle to ensure uniform color disbursement and to minimize air entrapment.

In multi-pail applications, mix the contents of each new pail into the partially used pail to ensure color consistency and smooth transitions from pail to pail.

#### APPLICATION

Apply Neocrylic in one or two coats at the rate of 200 - 300 square feet per gallon per coat. Coverage may vary due to texture and porosity of substrate.

Apply Neocrylic by brush, spray, roller, or spray-and-backroll. Spray apply Neocrylic coarse for best results.

Maintain proper uniform wet-film thickness (WFT) during application to ensure the performance characteristics desired (see yield rates section).

Always work to a natural break and maintain a wet edge during application.

For uniformity of color, application techniques must be consistent throughout the project. Inconsistent application techniques will produce color variations.

Prime chalky surfaces with 7031-100 water based acrylic primer.

**ROLLER:** Use a quality 3/8" – 3/4" nap roller cover (lamb's wool preferred). Completely saturate the roller and keep it loaded with the coating to build the required mils. Never dry roll. Roll the coating in a consistent fanlike pattern to achieve uniform mil thickness. Cross roll to achieve uniform thickness and maintain a wet edge. Backroll in one direction as stroke variations may result in uneven color and texture

**BRUSH:** Application by brush is recommended only for small inaccessible areas, e.g., on touch-ups. Use a nylon brush only.

**SPRAY:** Equipment is available for spraying Neocrylic.

## CLEAN UP

Clean all tools and equipment immediately with water. Cured material may be removed by mechanical means.

## DRYING TIME

Times assume 70°F and 50% relative humidity.

- To touch: 1/2 hour
- To recoat: 2 hours
- To full cure: 5 days

Lower surface or air temperatures and higher relative humidity will extend the drying time.

## PRECAUTIONS

Protect from freezing. Do not apply when the temperature (substrate or ambient) is 40°F or below or is expected to fall below 40°F within 24 hours after application. Do not apply if rain is expected within 24 hours of application.

Do not apply to existing coatings that are not compatible.

Apply a 4 by 4 ft (1.2 by 1.2 m) test area to verify acceptable color, texture and adhesion before proceeding with any project. The test method for measuring adhesion is ASTM D3359, Measuring Adhesion by Tape, Method A. On the 0–5 scale, a minimum adhesion rating of 4A is required.

Proper application is the responsibility of the user. Field visits by NEOGARD personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

## PACKAGING

5 gallon pails

## STORAGE

Store in unopened containers protected from freezing in a clean, dry area.

## HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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