

7151 Neocrylic

100% Acrylic Wall Coating



by



PRODUCT DESCRIPTION

7151 Neocrylic (Hempel 58025) 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

PRODUCT COLORS AND PACKAGING

Product Numbers: NEOGARD® (Hempel)	Color	Packaging
7151 (5802500010)	Tintable	5-gallon pail

Contact NEOGARD® for available colors.

CURED FILM PERFORMANCE

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

The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at www.neogard.com.

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)
Shelf Life		2 years (unopened container)

The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at www.neogard.com.

YIELD

Texture	Rate, Ft ² /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 7151 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 7151 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 7151 Neocrylic by brush, spray, roller, or spray-and-backroll. Spray apply 7151 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 (21°C) 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 (4°C) or below or is expected to fall below 40°F (4°C) 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.

STORAGE

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

HEALTH AND SAFETY

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

Manufacturer warrants that the physical properties of the product reported above will meet the standards and deviations of the associated ASTM test method. **MANUFACTURER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** Buyer must make its own determination of the suitability of any product for its use, whether such product is used alone or in combination with other materials. **To the extent this or any of Manufacturer’s products is proven to be defective, Buyer’s sole remedy shall be limited to the replacement of such defective product, exclusive of any costs of labor. MANUFACTURER SHALL NOT BE LIABLE OR OBLIGATED FOR ANY LOSS OR CONSEQUENTIAL OR OTHER DAMAGE INCURRED DIRECTLY OR INDIRECTLY BY BUYER OR ANY OTHER PERSON OR ENTITY THAT ARISES IN ANY WAY IN RELATION TO THIS OR ANY OF MANUFACTURER’S OTHER PRODUCTS.** Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority of the owner of the patent. No Applicator is or should be viewed as an employee or agent of Manufacturer. 7151-Neocrylic-TD 58025 ksk 05112017.indd

NEOGARD®, a Division of Hempel (USA), Inc.

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com