

Product Data Sheet

7170 Neocrylic HB (382JB)

Acrylic Wall Coating, Smooth Texture



Description:	7170 Neocrylic HB (Hempel 382JB) is a water-based, high-build, anti-carbonation, smooth-textured acrylic wall coating.
Recommended use:	For protection of above-grade concrete, masonry, stucco, and Exterior Insulation and Finish Systems (EIFS).
Features:	Anti-carbonation: resists ingress of carbon dioxide to concrete. Resistant to UV and wind-driven rain.
Availability:	Special order only. Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7170-01 (382JB10000)	White	5-gallon
7170 Tint Base (382JB00010)	Tint Base, White	

Contact Neogard for available colors.

Physical constants:

Resistance to wind-driven rain	Pass	TT-C-555B
Accelerated weathering, 3,000 hours	Pass	ASTM D4587
Visual color change, 3,000 hours	Pass	ASTM D1729
Chalking, 3,000 hours	Pass	ASTM D4214
Water-vapor permeance	15 perms	ASTM D1653
Salt spray resistance, 500 hours	Pass	ASTM B117
Carbon dioxide diffusion	Sd > 100 meters	PR EN 1062-6
Flexibility, 1/2" mandrel	No cracking	ASTM D522
Dirt pick-up, 12 month exposure	Pass	ASTM D3719
Sand abrasion resistance, > 1,000 liters at 10–11 mils	Pass	ASTM D968 Method A
Impact resistance at 30 in-lbs	Passed	ASTM D2794
Algal fungal resistance	No growth	ASTM D3274
Dry to touch*	1/2 hour	
Dry to recoat*	2 hours	
Dry to full cure*	5 days	
Density	11.1 lbs/gal	ASTM D1475
Weight solids	53.7%	ASTM D5201
Volume solids	38%	Calculated
Viscosity	110 KU	ASTM D562
VOC	63 g/L (.53 lbs/gal)	EPA Method 24
Shelf life	2 years (unopened container)	
Flash point	None	

*Dry times assume 70°F (21°C) and 50% relative humidity. Lower surface or air temperatures and higher relative humidity will extend the drying time. 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.

Application details:

Application method:	Roller, brush, spray (contact Neogard for spray equipment information)
Thinner (max.vol.):	Do not thin
Mixing:	Mix for a minimum of 3–5 minutes before applying
Application rate:	75–100 feet ² /gallon
Indicated film thickness, wet:	22–16 mils
Indicated film thickness, dry:	8–6 mils
Cleaning of tools:	Water

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Safety:	Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult Neogard Safety Data Sheets and follow all local or national safety regulations.
Surface preparation:	According to Neogard Guide Specifications.
Application conditions:	Apply only when substrate or ambient temperatures are above 40°F/4°C. Do not apply if temperatures are 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.
Preceding coat:	According to Neogard Guide Specifications.
Subsequent coat:	According to Neogard Guide Specifications.
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C. Prevent freezing; product will become unusable if frozen.
Remarks:	Also available in fine texture (7172 Neocrylic HB).

Note: **7170 Neocrylic HB is for professional use only.**

Issued by: Hempel (USA) – 382JB

This Product Data Sheet (“PDS”) relates to the supplied product (“Product”) and is subject to update from time-to-time. Accordingly, the buyer/applicator should refer to the PDS current as of the time of delivery. In addition to the PDS, the buyer/applicator may receive some or all of the specifications, statements and/or guidelines listed below or available at www.neogard.com (the “Additional Documents”):

No.	Document Description
1	PDS
2	Guide Specification
3	Application Manual
4	Other Technical Support Information (i.e. summary application tables, troubleshooting guides, maintenance manuals, chemical resistance charts and other technical information)

In the event of a conflict between this PDS and the Additional Documents, the conflict shall be resolved in accordance with the order of priority set forth above. In addition, the buyer/applicator should refer to the relevant Safety Data Sheet current as of the time of delivery and available at www.neogard.com. Buyer/applicator is responsible for determining the suitability of the intended use of the Product, and Neogard disclaims all responsibility for any use, handling and storage of the Product that is not in accordance with the requirements set forth in the relevant PDS and the Additional Documents. The terms and provisions hereof apply to this PDS, the Additional Documents and any other documents supplied by Neogard in respect of the Product. The Product is supplied and all technical assistance is given subject to the General Conditions of Sale of Hempel Products and/or Services available at www.hempel.com. NEOGARD MAKES NO OTHER WARRANTY THAT EXTENDS BEYOND THE WARRANTY REFERENCED THEREIN INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEOGARD WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION, OR THAT IN ANY WAY ARISE IN RELATION TO THE PRODUCT. 7170-PDS ksk 04152021.docx

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