

Product Data Sheet

7172 Neocrylic HB (383JB) Acrylic Wall Coating, Fine Texture



Description:	7172 Neocrylic HB (Hempel 382JB) is a water-based, high-build, anti-carbonation, fine-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:

7172-01 (383JB10000)	White	5-gallon
7172 Tint Base (383JB00010)	Tint Base, White	

Contact Neogard for available colors.

Physical constants:

Resistance to Wind-Driven Rain	Pass	TT-C-555B
Accelerated Weathering, 3,000 hrs	Pass	ASTM D4587
Visual Color Change, 3,000 hrs	Pass	ASTM D1729
Chalking, 3,000 hrs	Pass	ASTM D4214
Water-vapor permeance	15 perms	ASTM D1653
Salt Spray (fog) Resistance, 500 hrs	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	Pass	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	12 lbs/gal	ASTM D1475
Weight Solids	64.5%	ASTM D5201
Volume Solids	49%	Calculated
Viscosity	120 KU	ASTM D562
VOC	50 g/L (.42 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
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:	11–8 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 smooth texture (7170 Neocrylic HB).

Note: **7172 Neocrylic HB is for professional use only.**

Issued by: Hempel (USA) – 383JB

This Product Data Sheet supersedes those previously issued.

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