

# Product Data Sheet

## 7170 Neocrylic HB (382JB)

### Acrylic Wall Coating, Smooth Texture



|                         |  |
|-------------------------|--|
| <b>Description:</b>     | 7170 Neocrylic HB (Hempel 382JB) is a water-based, high-build, anti-carbonation, smooth-textured acrylic wall coating. |
| <b>Recommended use:</b> | For protection of above-grade concrete, masonry, stucco, and Exterior Insulation and Finish Systems (EIFS).            |
| <b>Features:</b>        | Anti-carbonation: resists ingress of carbon dioxide to concrete.<br>Resistant to UV and wind-driven rain.              |
| <b>Availability:</b>    | 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 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                         | 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](http://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 <sup>2</sup> /gallon                                       |
| Indicated film thickness, wet: | 22–16 mils   |
| Indicated film thickness, dry: | 8–6 mils   |
| Cleaning of tools:             | Water  |

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| <b>Safety:</b>                 | 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.               |
| <b>Surface preparation:</b>    | According to Neogard Guide Specifications.   |
| <b>Application conditions:</b> | 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. |
| <b>Preceding coat:</b>         | According to Neogard Guide Specifications.   |
| <b>Subsequent coat:</b>        | According to Neogard Guide Specifications.   |
| <b>Storage temperature:</b>    | Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C. Prevent freezing; product will become unusable if frozen.  |
| <b>Remarks:</b>                | 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 supersedes those previously issued.

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