

# 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 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](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 (“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](http://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](http://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](http://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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