

Product Data Sheet

7100 Neoflex (58015)

Acrylic Elastomeric Wall Coating



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| Description: | 7100 Neoflex (Hempel 58015) is a water-based, high-build, elastomeric wall coating. |
| Recommended use: | For protection of concrete, masonry, stucco, and Exterior Insulation and Finish Systems (EIFS). |
| Features: | Anti-carbonation: resists ingress of carbon dioxide to concrete. Meets South Coast Air Quality Management District (SCAQMD) VOC requirements. |
| Availability: | Available in North America. Not included in Group Assortment; other regions must confirm. |

Colors and packaging:

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| 7100 (5801510000), smooth texture | Tintable | 5-gallon pail |
| 7101 (380JB10000), fine texture | Tintable (special order only) | |

Contact Neogard for available colors.

Physical constants:

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|-------------------------------------|------------------------------|---------------|
| Adhesion | 5 lbs/in | ASTM D903 |
| Elongation | 300% | ASTM D2370 |
| Flexibility, 1/8" mandrel | No cracking | ASTM D522 |
| Permanent set | <20% | ASTM D412 |
| Tensile strength | 125 psi | ASTM D2370 |
| Water resistance | <20% | ASTM D471 |
| Algal fungal resistance | No growth | ASTM D3274 |
| 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 at 10 mils | 20 perms | ASTM D1653 |
| Salt spray (500 hours) | Pass | ASTM B117 |
| Carbon dioxide diffusion | Sd > 100 meters | PR EN 1062-6 |
| Dirt pick-up, 12-month exposure | Pass | ASTM D3719 |
| Impact resistance, 120 in-lbs | Pass | ASTM D2794 |
| Weight/gallon | 12 lbs/gal | ASTM D1475 |
| Weight solids | 68% | ASTM D4209 |
| Volume solids | 54% | Calculated |
| VOC | <30 g/l | EPA Method 24 |
| Viscosity | 120 ku | ASTM D562 |
| Gloss 60 degree | <5.0 | ASTM D523 |
| Flash point | None | ASTM D3278 |
| 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.

Application details:

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| Application method: | Roller, brush, or spray (contact Neogard for spray equipment information) |
| Thinner (max.vol.): | Do not thin |
| Mixing: | Mix for a minimum of 3–5 minutes before applying |
| Cleaning of tools: | Water |

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.

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| 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 32°F/0°C within 12 hours after application. Do not apply in rain, snow, or fog. |
| 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: | Do not apply below grade, on surfaces subject to hydrostatic water pressure, or on traffic-bearing or flat surfaces. |

Note: **7100 Neoflex is for professional use only.**

Issued by: Hempel (USA) – 58015

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. 7100-PDS ksk 04152021.docx

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