

Product Data Sheet

7100 Neoflex (58015)

Acrylic Elastomeric Wall Coating



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:

7100 (5801510000), smooth texture Tintable 5-gallon pail
7101 (380JB10000), fine texture Tintable (special order only)
Contact Neogard for available colors.

Physical constants:

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:

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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