Neoflex

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Product Data Sheet

70991 (47XJB)
Polyurethane Sealant

Description: 70991 (Hempel 47XJB) is a one-component, contractor/construction grade, smooth polyurethane sealant.

Recommended use: 70991 is used for sealing the following: expansion and control joints in pre-cast concrete panels; various roofing and siding applications; perimeters of doors, windows, and other wall penetrations.

Features:
May be used with most building materials, including stone, masonry, ceramic, marble, wood, steel, aluminum, fiber cement board and many other synthetic materials.
Easy gunning; reduces installer's fatigue.
Bonds well to most common building materials.
Quicker skin and cure time; reduces jobsite dirt pickup.

Service temperatures: -40°F–150°F (-40°C–66°C)

Certificates/approvals:
Type S, Grade NS, Class 25, Use NT, A and M. US Federal Specification TT-S 00230C (COMB-NBS) for one-component sealants as Class A, non-sag.
Canadian Specification CAN/CGSB 19.13-M87.
CARB and SCAQMD Compliant. Meets VOC requirements for OTC Regulation.

Availability: Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70991-4 (47XJB1L030)	Gray	10.1-oz cartridge

Physical constants:

Hardness (Shore A)	42	ASTM D2240
Modulus at 100% Elongation	65 psi	ASTM D412
Modulus at 25% Elongation	45 psi	ASTM D412
Tensile Strength at Break	133 psi	ASTM D412
Elongation at Break	685%	ASTM D412
UV Resistance	Pass	ASTM C793
VOC	43 g/L (2.8%)	Calculated
Adhesion Peel	> 5 piw	TT-S-00230C/ASTM C794
Joint Movement Capability	+25%	TT-S-00230C/ASTM C719

Tool/Work Time	60 minutes
Skin Time	4 hours
Curing Time at 77°F/25°C	2–7 days, 1/16" per day
Flow, Sag or Slump	0.1 inch

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: Caulking gun
Cleaning: Clean tools with an aromatic solvent. Dry-wipe excess uncured sealant from surfaces, then follow with a solvent wipe. Cured sealant is difficult to remove without damaging the substrate.

Safety: Handle with care. 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: Surface must be clean, sound, and dry. Do not apply over damp, contaminated, loose surfaces, old sealants, or other foreign substances that may impair adhesion. Pre-test substrates with a sample of 70991 before full application.

Product Data Sheet

70991 (47XJB)
Polyurethane Sealant

Application conditions:

Do not install when the dew point of the substrate is close to ambient temperature, or if moisture-vapor transmission (MVT) is present. Damp substrates with high moisture content will cause bubbling and foaming. Lower relative humidity and temperature will significantly extend curing time. Confined areas, deep joints, and moisture barrier substrates may also affect the full cure time and extend it by many days. High temperature/humidity can cause bubbles to develop during the curing process.

Subsequent coat:

According to Neogard system Guide Specifications. Test paints or coatings for adhesion before general application.

Remarks:

Do not apply to copper substrates. Will cause staining of porous substrates such as marble, limestone, and granite. Not for sealing narrow joints, fillet joints, and face nail holes.
Not recommended for smearing and feathering over joints, or by itself joints where abrasion resistance is required (walkways, driveways, runways, etc.). Not for continuous immersion in water or any other fluid, or exterior or interior sealing below the waterline. Not for glazing applications. Bond line strength can be affected by UV rays through the clear material (glass, acrylic glass, polycarbonate). When fully cured, avoid exposure to fuels, or chlorinated, acid, or alkaline solutions. Contact with asphalts and other filler compounds impregnated with oil, asphalt, tar, etc., may deteriorate the cohesive strength of the substrate and ultimately compromise the seal. Lower relative humidity and temperature will significantly extend curing time. Confined areas, deep joints, and moisture barrier substrates may also affect the full cure time and extend it by many days. Exposure to UV/sunlight will alter original color or gloss. Effect is limited to the surface layer and will not compromise the sealing properties if joint dimensions are proper and the sealant is properly applied. Check shelf life prior to use. Do not use past shelf life. Shelf life of polyurethane sealants may be significantly reduced by high temperature and high relative humidity.

Application coverage rates (linear feet per 10.1 fl oz cartridge):

		Width							
		1/8”	**1/4”**	**3/8”**	**1/2”**	**5/8”**	**3/4”**	**7/8”**	**1”**
Depth	**1/8”**	99	49	33	24	20	16	14	12
	1/4”	NA	24	20	12	10	8	7	6
	3/8”	NA	NA	11	8	6	5	5	4
	1/2”	NA	NA	NA	6	5	4	3	3

Note: **70991 is for professional use only.**

Issued by: Hempel (USA) – 47XJB

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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. 70991-PDS ksk 04122021.docx

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Product Data Sheet

7031-100 (28010)
Acrylic Wall Primer

Description:	7031-100 (Hempel 28010) is a single-component, water-borne, acrylic primer designed to seal and prepare surfaces for Neoflex coatings where a solvent-borne system is not appropriate.
Recommended use:	Priming and sealing of acrylic-based mortar systems generally associated with Exterior Insulated and Finish Systems (EIFS).
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7031-100 (2801010000)	White	5-gallon pail

Physical constants:

Water Resistance	<20%	ASTM D471
Adhesion	5 lb/in	ASTM D903
MVT at 3 Mils	30 English	ASTM E96
Weight/Gal	9.5 lbs/gal	ASTM D1475
Weight Solids	34%	ASTM D5201
Volume Solids	24%	ASTM D5201
VOC	96.66 g/L	ASTM D5201
Viscosity	82 KU	ASTM D562

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 or spray
Thinner (max.vol.):	Water (no more than 10%)
Mixing:	Mix for a minimum of 3–5 minutes before applying; Jiffy Mixer paddle recommended
Application rate:	Apply at 200–400 square feet per gallon depending upon surface and condition.
Cleaning of tools:	Water
Safety:	Handle with care. 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 system Guide Specifications.
Application conditions:	Surfaces should be clean, dry and structurally sound. Do not apply when temperature is below 45°F/8°C.
Subsequent coat:	According to Neogard system Guide Specifications.
Storage temperature:	Store in a cool area (75°F/23°C). Must be stored above freezing (32°F/0°C).

Note: **7031-100 is for professional use only.**

Issued by: Hempel (USA) – 28010

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Product Data Sheet
MULTI-GRIP II ACRYLIC LATEX PRIMER 181JB

181JB

Description: MULTI-GRIP II 181JB is a premium quality acrylic latex primer for interior and exterior surfaces.

Recommended use: Industrial, commercial and maintenance applications requiring good adhesion to galvanized metal, masonry, metal, wood, some plastics, wallboard and previously painted surfaces. Exhibits good adhesion to baked enamels and some factory applied fluoropolymers. Ideal for industrial maintenance applications.

Features:
Water clean-up
Excellent flow and levelling
Excellent adhesion to aged coatings
Low odor
Easy to apply

Service temperatures: Maximum dry heat exposure to 93°C / 200°F

Availability: Not included in Group Assortment. Availability subject to confirmation.

PHYSICAL CONSTANTS:

Shade no. / Color.:	1L000 Off-White (*formerly JB 3090*) and 1L010 Grey (*formerly JB 3091*)
Finish:	Flat
Volume solids, %:	39 ± 1
Theoretical spreading rate:	10.5 m^2/litre - 38 microns 427 sq. ft./US gallon – 1.5 mils DFT
Flash point:	212°F/ 100°C
Specific gravity:	1.25 kg/litre - 10.4 lbs/US gallon
Dry to touch:	30 – 60 minutes at 20°C/68°F
Dry to handle	1 – 2 hours
VOC content:	<82 g/litre [<0.83 lbs/US gallon]

The physical constants stated are nominal data according to the approved formulas.

APPLICATION DETAILS:

Application method:	Airless spray / Brush / Roll
Thinner:	Apply as packaged
Nozzle orifice:	0.015"-.019"
Nozzle pressure:	138 bar [2,000 psi] *(Airless spray data are indicative and subject to adjustment)*
Cleaning of tools:	Soap and water. If dried, use 1 part Butyl Cellosolve to 5 parts water
Indicated film thickness, dry:	38 - 50 microns / 1.4 to 2.1 mils *(see REMARKS overleaf)*
Indicated film thickness, wet:	97-128 microns / 3.6 – 6.0 mils
Overcoat interval, min:	3 - 5 hours (20°C/68°F)
Overcoat interval, max:	2 weeks (20°C/68°F)

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Safety Data Sheets and follow all local or national safety regulations.

SURFACE PREPARATION:	The surface must be completely clean and dry at the time of application, and its temperature above the dew point to avoid condensation. Minimum temperature for curing is 7°C/44°F. **Repair and maintenance:** Remove oils and grease with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Clean damaged areas thoroughly by power tool cleaning to SSPC-SP 11 (or St 3, ISO 8501-1) or by abrasive blasting to min. SSPC-SP 6 (or Sa 2, ISO 8501-1) preferably to SSPC-SP 10. Improved surface preparation will improve the performance of the paint. Feather edges to sound and intact areas. Dust off residues. Touch up to full film thickness.
APPLICATION CONDITIONS:	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Use only where application and curing can proceed at temperatures above: 10°C/50°F. The temperature of the paint itself should be: 15-25°C/59-77°F. In confined spaces provide adequate ventilation during application and drying. Mix thoroughly before usage. May be applied by brush, roller, or airless spray. Always work to a wet edge. For best results, spray or brush application should be followed by back rolling while the coating is wet to help aid in filling pores and crevices. Application equipment should have stainless steel lined fluid passages. Water reducible coatings can cause rusting of carbon steel. Masonry surfaces must be dry before priming. Moisture content must be 15% or lower and the pH between 6 and 9. For repairing exterior cracks and other voids use an elastomeric patch.
PRECEDING COAT:	Not applicable.
SUBSEQUENT COAT:	RustNot HP Acrylic; Acrylithane Polyurethanes
REMARKS:	
Drying:	Low temperature, high humidity, poor ventilation, and excessive film build will retard drying.
Cleaning:	Clean skin, clothing, tools or spills immediately with soap and water. Dried material may be removed by scraping. If material is difficult to clean with water, then it can be more easily cleaned with a blend of 80% water and 20% Butyl Cellosolve. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state, and federal laws. **PROTECT FROM FREEZING**
Note:	**MULTI-GRIP II is for commercial use only.**
Issued by:	HEMPEL (USA), Inc. 181JB1L000

This Product Data Sheet supersedes those previously issued.

Product Data Sheet
CHEM-O-PON™ EPOXY PRIMER 15090

15090: Base 15099: Curing Agent 95045

Description:
CHEM-O-PON™ EPOXY PRIMER is a two component polyamide cured, high solids, and high build epoxy primer. Offers excellent resistance to corrosion and exceptional adhesion to ferrous, galvanized, and non-ferrous substrates. Resists solvents, diluted acids and alkali attack.

Recommended use:
Industrial OEM and maintenance applications requiring a fast drying epoxy primer with a smooth finish that does not require sanding. Can be used direct to metal or as an intermediate coat over zinc rich primers. Offers excellent extended recoatability.

Features:
High solids
Extended recoatability
Fast drying
Corrosion resistant
Smooth finish

Service temperatures:
Maximum dry heat exposure to 250°F

Availability:
Not included in Group Assortment. Availability subject to confirmation.

PHYSICAL CONSTANTS:

Shade no. / Color.:	16690 *(formerly JB 33304)* Light Grey; See REMARKS overleaf
Finish:	Flat
Volume solids, %:	55 ± 1
Theoretical spreading rate:	8.64 m^2/litre – 63 microns 352 sq. ft../US gallon – 2.5 mils DFT
Flash point:	77°F / 25°C
Specific gravity:	1.46 kg/litre - 12.3 lbs/US gallon
Dry to touch:	1 hour at 20°C/68°F
Through dry to handle	6 hours
Viscosity	20 – 30" Zahn #4 cup
VOC content:	383 g/litre [3.2 lbs/US gallon]

The physical constants stated are nominal data according to the approved formulas.

APPLICATION DETAILS:

Version, mixed product	**15090**		
Mixing ratio:	BASE: 15099 : CURING AGENT 95045 3 : 1 by volume		
Application method:	Airless spray	Air spray	Brush
Thinner (max.vol.):	083JB or 08320 (0-5%)	083JB or 08320 (5-15%)	08DJB (5%)
	HEMPEL 08450 Reducer; 0832 Medium Reducer, 08DJB Brush & Roll Reducer		
Pot life:	8 hours at 20°C/68°F		
Nozzle orifice:	0.015"-.0.019"		
Nozzle pressure:	138 bar [2,000 psi] *(Airless spray data are indicative and subject to adjustment)*		
Cleaning of tools:	CHEM-O-PONTM THINNER 083JB or MEDIUM REDUCER 08320		
Indicated film thickness, dry:	63 – 90 microns / 2.5 – 3.5 mils *(see REMARKS overleaf)*		
Indicated film thickness, wet:	115 - 162 microns / 4.6 – 6.4 mils		
Overcoat interval, min:	2 hours (20°C/68°F)		
Overcoat interval, max:	6 weeks (20°C/68°F) *See REMARKS overleaf*		

Safety:
Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Safety Data Sheets and follow all local or national safety regulations.

SURFACE PREPARATION:	Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Abrasive blasting to Sa 2½ (ISO 8501-1:2007) or SSPC-SP 10 with a sharp-edged surface profile corresponding to Keane-Tator Comparator, 2.0 G/S, 2 S, or ISO Comparator, Medium (G). **Repair and maintenance:** Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Clean damaged areas thoroughly by power tool cleaning to minimum St 2 (spot-repairs) or by abrasive blasting to min. Sa 2, preferably to Sa 2½ (ISO 8501-1:2007) or SSPC-SP 10. Improved surface preparation will improve the performance of the product. As an alternative to dry cleaning, water jetting to sound, well adhering coat and/or to steel. Intact coat must appear with roughened surface after the water jetting. By water jetting to steel, cleanliness shall be: Wa 2 - Wa 2½ (atmospheric exposure) / minimum Wa 2½ (immersion) (ISO 8501-4). Acceptable flash-rust degree before application: maximum M (atmospheric exposure), preferably L (immersion) (ISO 8501-4). Feather edges to sound and intact areas. Dust off residues. Touch up to full film thickness. On pit corroded surfaces, excessive amounts of salt residues may call for high pressure water jetting, wet abrasive blasting or, alternatively, dry abrasive blasting, high pressure fresh water hosting, drying, and finally dry abrasive blasting again
APPLICATION CONDITIONS:	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Use only where application and curing can proceed at temperatures above: 7°C / 44°F. The temperature of the paint itself should be: 15-25°C/59-77°F. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	According to specification, or recommended systems are: ALUMINUM ADHESION PROMOTER; CHEM-O-PLEX ADHESION PROMOTER; CHEM-O-Z HS2 ORGNIC ZINC RICH PRIMER; OR CHEM-O-Z QUICK DRY ORGANIC ZINC RICH PRIMER
SUBSEQUENT COAT:	ACRYLITHANE POLYURETHANE ENAMELS
REMARKS:	
Mixing:	Power stir the base, then add hardener to base and power stir for 3 minutes. CHEM-O-PON EPOXY PRIMER may be accelerated with 99AJB Epoxy Accelerator in cooler temperatures to shorten drying times. One ounce added to a catalysed gallon will normally result in 25% faster drying. Two ounces added to a catalysed gallon will normally result in 50% faster drying.
Thinning:	Thinning may be necessary in the case of very long spray hoses and/or paint temperatures below: 15°C/59°F. This will cause lower film build and longer drying time. Alternate reducers such as Acetone may be used to reduce product without adding VOC's.
Overcoating:	Under normal conditions, dries to touch in 1 hour and dries for overcoat in 2 hours. Low temperature, high humidity, poor ventilation and thick films will retard drying. Can be overcoated without sanding up to 6 weeks after application. Longer times require pressure washing or sanding.
Shade no. / Color.:	CHEM-O-PON EPOXY PRIMER also has other color options with several pigmented curing agents. Red 95EJB (150905L018); Tintable Neutral 95HJB (150900000); and Tan 95LJB (150906L010) can be used in place of 95045 to offer color shaded films. Use mix ratio of 3:1.

Note: **CHEM-O-PON™ EPOXY PRIMER is for professional use only.**

Issued by: HEMPEL (USA), Inc
1509016690

This Product Data Sheet supersedes those previously issued.

Product Data Sheet

7032 series (61AJB, 61BJB)
Acrylic Elastomeric Patching Compound

Description: 7032 series (Hempel 61AJB and 61BJB) is an acrylic, water-borne, elastomeric patching compound. It is available in textured and smooth versions.

Recommended use: 7032 series is used to detail cracks and construction joints in masonry walls.

Availability: Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7032-03 (61AJB99980)	White (textured)	1-gallon
7032-04 (61BJB99980)	White (smooth)	1-gallon

Physical constants:

Adhesion	5 lbs/in	ASTM D903
Weight/gallon	13.5 lbs/gal	ASTM D1475
Weight solids	81%	ASTM D4209
Volume solids	69%	Calculated
VOC	75 g/l	EPA Method 24
Viscosity	Paste	ASTM D562
Flash point	> 212°F/100°C	ASTM D3278
Dry time, 75°F/23°C, 50% relative humidity (60 wet mils)	4 hours	ASTM D5895

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: Knife or trowel
Cleaning of tools: Water

Safety: Handle with care. Avoid contact with bare skin. Wear gloves to prevent contact. 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 system Guide Specifications.

Subsequent coat: According to Neogard system Guide Specifications.

Storage temperature: Store in a cool area (75°F/23°C). Must be stored above freezing (32°F/0°C).

Note: **7032 series is for professional use only.**

Issued by: Hempel (USA) – 61AJB, 61BJB

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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.

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

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Product Data Sheet

7170 Neocrylic HB (382JB)
Acrylic Wall Coating, Smooth Texture

Description: 7170 Neocrylic HB (Hempel 382JB) is a water-based, high-build, anti-carbonation, smooth-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:

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.*

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^2/gallon
Indicated film thickness, wet:	22–16 mils
Indicated film thickness, dry:	8–6 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 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 (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. 7170-PDS ksk 04152021.docx

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