

Product Data Sheet

7430 (57040)

Aromatic Urethane



Description:	7430 series (Hempel 57040) is a single-component, moisture-cured aromatic urethane.
Recommended use:	As a waterproofing membrane for pedestrian and vehicular traffic-bearing surfaces. Suitable areas include parking garages, stadiums, balconies, plaza decks, walkways, and rooftop recreation areas.
Certificates/approvals:	LEED: MRc5 UL: TGFU.R6034 Miami-Dade: NOA No.: 15-0421.01, NOA No. 15-0616.03
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

7427 (5704016680)	Charcoal Gray	55- and 5-gallon
7430 (5704016650)	Gray	55- and 5-gallon
7430-28 (5704016640)	White	5-gallon
7430-58 (5704061300)	Dark Maple	5-gallon
7435 (5704023820)	Tan	5-gallon

Some standard colors and/or packaging may have extended lead times and/or minimum quantities. Contact Neogard for additional colors.

Physical constants:

Tensile Strength	2,500 psi	ASTM D412
Elongation	400%	ASTM D412
Permanent Set	<30%	ASTM D412
Tear Resistance	200 pli	ASTM D1004
Water Resistance	<3%	ASTM D471
MVT at 30 mils	1.3 English Perm	ASTM E96
Taber Abrasion	25 mg/1,000 cs17	ASTM D4060
Shore A	75–80	ASTM D2240
Adhesion	300 psi	ASTM D4541
Weight/Gallon	10.3 lbs/gal	ASTM D1475
Weight Solids	92%	ASTM D4209
Volume Solids	76%	Calculated
VOC	212 g/L	EPA Method 24
Viscosity	87 KU	ASTM D562
Flash Point	113°F	ASTM D3278
Shelf Life	1 year	
SRI Value	7430-28: 93 7430-11: 43	ASTM E1980-01 ASTM E108/UL 790
Fire Resistance (Spread of Flame)	Class A (as part of a system)	
Cure to Recoat at 75°F (23°C), 50% relative humidity	8–12 hours	

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 squeegee
Thinner (max.vol.):	Hempel's Thinner 08080 (xylene) (10%)
Mixing:	Mix for 3–5 minutes before applying; Jiffy Mixer paddle recommended
Pot life:	NA for single-component, unaccelerated urethane
Cleaning of tools:	Hempel's Thinner 08080 (xylene)

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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.
Application conditions:	Substrate temperature must be between 40°F (4°C) and 110°F (32°C).
Preceding coat:	According to Neogard Guide Specifications.
Accelerators and additives:	7986 (994JB00000): Odor mask, synthetic vanilla. 7922 (990JB00000): Vertical additive, enhances sag resistance. 7923 (9505300000): Accelerator for single component urethanes. 7925 (991JB00000): Fast-set additive. 7931 (9905500000): Fast accelerator for use in low humidity environments.
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).
Remarks:	May chalk from UV exposure. Not recommended for constant immersion. Not compatible with asphaltic compounds. For on-grade applications, substrates constructed over unvented metal decks or between-slab applications, contact Neogard Technical Service.

Note: **7430 is for professional use only.**

Issued by: Hempel (USA) – 57040

This Product Data Sheet supersedes those previously issued.

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