

# Product Data Sheet

**70900/70910 — Wall-Gard/Floor Gard HD Coating, Gloss**  
**47DJB: Base 47DJ9 : Curing Agent 94AJB**



**Description:** 70900/70910 (Hempel 47DJB) is a two-component, water-based, urethane wall and floor coating.

**Recommended use:** As the topcoat for the Neogard Wall-Gard HD wall coating system, and as a topcoat for many Neogard floor coating systems.  
Applications include: hospitals, operating rooms, pharmaceutical manufacturing facilities, clean rooms, schools, food and beverage processing facilities, and various facility wet areas.

**Features:** Available in 24 standard colors, can be tinted.  
Low odor and VOC.  
Resists UV.  
Durable; resists scrubbing.

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

## Colors and packaging:

70900-00 (47DJ900050)	Gloss Neutral	
70900-01 (47DJ910000)	Gloss White	
70900 Tint Base (47DJ900010)	Tint Base, White	4-gallon kits (mixed volume)
70910 (94AJB00000)	NA	

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

## Physical constants:

Impact Resistance	160 lbs/in	ASTM D2794
Taber Abrasion, 1,000 cycles CS-17	67 mg loss	ASTM D4060
Pencil Hardness	4H Gouge	ASTM D3363
Volume Solids (mixed)	55%	Calculated
Weight/Gallon (mixed)	10.85 lbs	ASTM D1475
VOC	<20 g/L	ASTM D3960
Shelf Life	1 year	
Dry Time to Touch*	6–8 hours	ASTM D5895
Recoat Time, Tack-Free*	8–24 hours	ASTM D5895
Cure Time*	24 hours	

*\*75°F/23°C, 50% relative humidity. 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:

<b>Version, mixed product</b>	<b>47DJB</b>
Mixing ratio:	Base 47DJ9 : Curing Agent 94AJB 3 : 1 by volume
Mixing instructions:	Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.
Application method:	Roller, brush, spray (contact Neogard for spray equipment information)
Thinner (max.vol.):	Water (10%)
Pot life:	90 minutes at 75°F/23°C
Recommended film thickness, wet:	6–8 mils
Recommended film thickness, dry:	3–4 mils
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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<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>	For indoor use only.

**Note:** **70900/70910 is for professional use only.**

**Issued by:** Hempel (USA) – 47DJB

This Product Data Sheet supersedes those previously issued.

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