Product Data Sheet

70736/70737 — Cove Base UV
452JB: Base 452J9 : Curing Agent 961JB

Description: Neogard Cove Base UV (452JB) is a two-component, 100% solids hybrid epoxy resin designed as a cove base trowel resin and topcoat.

Recommended use: As a trowel resin and topcoat for cove bases in conjunction with various Neogard floor coating systems.

Features: Minimal yellowing. Reduced UV degradation. Resists impact and abrasion. Very low odor. Can be used as a low-VOC alternative to chemical resistant urethanes.
Meets U.S.D.A. requirements for incidental food contact.
Meets South Coast Air Quality Management District (SCAQMD) VOC requirements.

Certificates/approvals: LEED: MRc5, IEQc4.2

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

Colors and packaging:

452J900000	Clear	3/4-gallon and 3-gallon kits
961JB00000	Clear	

Physical constants:

Compressive strength	11,000 psi	ASTM D695
Tensile strength	8,000 psi	ASTM D638
Elongation at break	14%	ASTM D638
Flexural strength	10,000 psi	ASTM D790
Flexural modulus	400,000 psi	ASTM D790
Modulus of elasticity	170,000 psi	ASTM D790
Shore D	82	ASTM D2240
Adhesion	400 psi	ASTM D4541
Water resistance	<2%	ASTM D570
MVT at 20 mils	0.10 Perm	ASTM E96
Flammability	Pass	ASTM D635
Taber abrasion	89 mg/1,000 cycles CS-17	ASTM D4060
Sagging	14–18 mils	
Weight/gallon (mixed)	9.1 lbs/gal	ASTM D1475
Weight solids (mixed)	100%	ASTM D4209
Volume solids (mixed)	100%	Calculated
Viscosity (mixed)	500 cps	ASTM D2196
Flash point	>205oF	Refer to SDS
VOC (mixed)	<100 g/L	ASTM D5201
Shelf life	1 year	
Thin film cure	12–16 hours	
Light traffic use	24 hours	
Full cure at 75°F/23°C	7 days	

The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further

Application details:

Version, mixed product	**452JB**
Mixing ratio:	Base 452J9 : Curing Agent 961JB 2 : 1 by volume
Mixing instructions:	Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 3 minutes before applying. Jiffy Mixer paddle recommended.
Application method:	Roller/Rake/Squeegee/Notched squeegee/Trowel
Thinner (max.vol.):	Coating is to be applied without thinning.
Pot life:	30 minutes at 75°F/23°C
Cleaning of tools:	Acetone or other VOC compliant multi-purpose solvents. Confirm compliance with Local, State and Federal air quality before use.

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:	Ambient temperature must be between 50°F/10°C and 85°F/29°C, and a minimum of 5°F/3°C above dew point.
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: 70°F/21°C.
Remarks:	For interior use only.

Note:	**70736/70737 is for professional use only.**
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