

Product Data Sheet

7779/7781 — Epoxy Primer

28300: Base 28309 : Curing Agent 98060



Description:	7779/7781 (Hempel 28309/98060) is a two-component water-borne epoxy primer.	
Recommended use:	7779/7781 is applied to wood and concrete substrates as a sealer, or as a pre-primer to minimize out-gassing over porous concrete.	
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.	

Colors and packaging:

7779 (2830900000)	Clear	5-gallon kit
7781 (9806000000)	Neutral	

Physical constants:

Weight/Gallon (mixed)	8.92 lbs/gal	ASTM D1475
Weight Solids (mixed)	33.4%	ASTM D4209
Volume Solids (mixed)	28%	Calculated
Viscosity (mixed)	25 sec Z2	ASTM D562
VOC (mixed)	85 g/L	EPA Method 24
MVT @ 7 Mils	0.42 Perms	ASTM E96
Adhesion to Concrete	400 psi	ASTM D4541
Flash Point	None	ASTM D3278

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:

Version, mixed product	28300
Mixing ratio:	Base 28309 : Curing Agent 98060 4 : 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 or spray (contact Neogard for spray equipment information)
Recommended application rate:	300 sq ft/gallon
Thinner (max.vol.):	Do not thin
Pot life:	6 hours at 75°F (23°C)
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.
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Surface preparation:	According to Neogard Guide Specifications.
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Application conditions:	Recommended air temperature: ≥50°F (10°C). Recommended relative humidity: 45–75%. Temperature of concrete must be at least 5°F (3°C) above the air dew point during coating application and cure time. Avoid application on a damp surface. Do not apply in the late afternoon if moisture condensation can appear during the night.
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Subsequent coat:	According to Neogard Guide Specifications.
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Storage temperature:	Store above freezing (32°F, 0°C). Freezing will cause 7779/7781 to become unusable. Do not ship or store unless protection from freezing is available. Do not apply if conditions will not permit complete cure before rain, dew or freezing temperatures occur.
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Remarks:	Avoid applying a thick film. Thick film increases cure time, especially at low temperature and high relative humidity, and may blister and crack on a hot concrete surface.
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Note: **7779/7781 is for professional use only.**

Issued by: Hempel (USA) – 28300

This Product Data Sheet supersedes those previously issued.

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