

Product Data Sheet

7780/7781 — Water-Borne Epoxy Primer
280JB: Base 280J9 : Curing Agent 98060



Description: 7780/7781 (Hempel 280J9/98060) primer is a two-component, water-borne epoxy primer.

Recommended use: 7780/7781 is applied to wood and concrete substrates prior to the application of high performance surface-applied coating systems.

Certificates/approvals: LEED: BDC4, IDC4

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

Colors and packaging:

7780 (280J95L071)	Red	5-gallon kit
7781 (9806000000)	Neutral	

Physical constants:

MVT at 7 mils	0.42 Perms	ASTM E96
Adhesion to concrete	400 psi	ASTM D4541
Adhesion to 7430, 70410, 70420, FC7500/FC7960, FC7510/FC7961, FC7520/FC7962, FC7530/FC7963	>400 psi	ASTM D7234

Weight/gal (density, mixed)	8.9 lbs/gal	ASTM D1475
Weight solids (mixed)	32.4%	ASTM D4209
Volume solids (mixed)	28%	Calculated
Viscosity (mixed)	36 sec, Z1 cup, 77°F/25°C	ASTM D4212
VOC (mixed)	85 g/L	EPA Method 24
Flash point, 7780 & 7781	>230°F/110°C	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 **280JB**
Mixing ratio: Base 280J9 : 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)

Thinner (max.vol.): Do not thin

Pot life: 2 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.

Surface preparation: According to Neogard Guide Specifications.

Application conditions: Recommended air temperature: $\geq 50^{\circ}\text{F}$ (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.

Subsequent coat: According to Neogard Guide Specifications.

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.

Note: **7780/7781 is for professional use only.**

Issued by: Hempel (USA) – 280JB

This Product Data Sheet supersedes those previously issued.

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2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com