

TECHNICAL INFORMATION

EPOXIES

PRODUCT NAME

Denepox Void Loc
Two Component Epoxy Resin

MANUFACTURER

De Neef Construction Chemicals, Inc.
5610 Brystone
Houston, TX 77041
1(800) 732-0166

PRODUCT DESCRIPTION

Denepox Void Loc is a two-component, 100% solids, low exotherm, moisture insensitive, high strength epoxy resin designed to be injected into wide cracks and voids in concrete. This product meets ASTM C-881.

APPROPRIATE APPLICATIONS

Filling wide cracks and voids in concrete

ADVANTAGES

- Low exotherm
- Moisture insensitive
- No shrinkage
- High strength
- Easy application
- Good chemical resistance
- Bonds well to clean metals

PACKAGING

Available in 3 and 15 gallon units

LIMITATIONS

Application at ambient temperature below 40°F is not recommended. Exposure to temperatures exceeding 150°F for prolonged periods is not recommended.

SURFACE PREPARATION

Surface of application should be clean and sound. The surface must be free of any dust, oil, grease, laitance, curing compounds, or any other contaminants. It may be dry, damp or wet, but must be free of standing water. The best results are obtained on dry concrete. Do NOT apply on surfaces that are sealed with a

TYPICAL PROPERTIES

	PART A	PART B
Solids	100%	100%
Color	Gray	Amber
Wt./Gal.	14.1 lb.	7.9 lb.
Shelf life	1 year	1 year
	PROPERTIES	ASTM METHOD
Mix Ratio	2:1	N/A
Viscosity	1700	Brookfield
Pot Life (3 oz.) @ 77°F	4 hr.	N/A
Pot Life (1.5 gal) @ 77°F	1 hr.	N/A
Hardness (shore) @ 77°F	85-D	D-2240
Compressive Strength	16,000 psi	D-695
Elongation	6%	D-638
Water Absorption	0.23%	N/A

The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.

SURFACE PREPARATION cont.

permanent type of form oil, curing compound or release agent. Remove these substances before application. Steel or concrete may be cleaned by acid etching (Muriatic Acid); followed by water flushing to neutralize the surface. Refer to De Neef Surface Preparation Guidelines for more details.

INSTALLATION PROCEDURES

Mixing Procedure: Stir each component separately. Mix the appropriate amount of Part A with the appropriate amount of Part B into a clean mixing container. Mix the epoxy with a slow speed drill with a mixing paddle attachment. Carefully scrape the sides and bottom of the pail during mixing with a paint stirring stick. Blend for 3 minutes. Mix only the amount of material that can be used within the pot life. **Please note: Large batches of epoxy will cure much faster than small batches. Mixed epoxy will cure much**

faster in hot weather than in cold weather application: Pressure Injection: Due to the long life of **Void-Loc**, injection can be done using a single component pump. Set the porting system that is appropriate for injection equipment. Always start at one end of the crack and work your way to the other end. Allow air to vent sequential injection ports. Cracks should remain pressurized after injection is completed. **Please note: It is beneficial to flush the cracks out with water to remove dust and contaminants before injecting the epoxy. Blow out the water by injecting oil-free air into the injection ports. Clean-Up:** Remove uncured **Void-Loc** from tools and equipment with a suitable solvent such as xylene or toluene immediately after use. Cured material may only be removed mechanically.

STORAGE & HANDLING

Shelf Life: A minimum of 1 year in original, unopened container.

Storage: Store in a dry area, between 40°F and 95°F. Protect from direct sunlight.

PRECAUTIONS

WARNING! KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN.

Health Precautions: Component A - IRRITANT - Prolonged skin or eye contact may cause sensitization and irritation. Component B - IRRITANT - Contact with skin or eyes may cause severe burns.

First Aid:

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Flush immediately with clean water and contact a physician.

Respiratory Problems: Remove affected person to fresh air immediately and contact a physician.

Hygiene: Wash hands immediately after use. Wash clothing before reuse.

Spills: Collect with absorbent material. Remaining material may be removed with a suitable solvent.

Disposal: Dispose of in accordance with local, state and federal regulations.

Always use protective clothing, gloves and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest. Refer to Material Safety Data Sheet for detailed safety precautions.

SAFETY INFORMATION

In the event of an EMERGENCY call:
CHEM-TREC 800-424-9300.

WARRANTY INFORMATION

De Neef Construction Chemicals, Inc. products are warranted under the policy set forth under the WARRANTY section of the De Neef Construction Chemicals Inc., product catalog. Warranty information can also be obtained via the De Neef Construction Chemicals Inc. website at www.deneef.com, by calling 713-896-0123 or toll free at 1-800-732-0166.

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