

# Dynapoxy™ EP-800

## Specification Data Sheet



### Semi-Rigid, Epoxy Control Joint Sealer

#### I. BASIC USES

- Filling and sealing horizontal non-moving saw cut control joints and cracks
- Flexible, low modulus adhesive

#### 2. MANUFACTURER

Pecora Corporation  
165 Wambold Road  
Harleysville, PA 19438  
Phone: 215-723-6051  
800-523-6688  
Fax: 215-721-0286  
Website: www.pecora.com

#### 3. PRODUCT DESCRIPTION

Pecora® Dynapoxy™ EP-800 is a technologically advanced, semi-rigid, solvent free, moisture insensitive, self-leveling epoxy joint filler and sealer ideal for when control joints need both support and protection.

##### Advantages:

- Self-leveling
- Shaves Easily
- Pourable
- Supports & Protects Edges
- Easy to Mix 1:1 Ratio
- Low Modulus
- Moisture Insensitive

##### Limitations:

- Use between 65°-85°F (18°-29°C).
- Substrate temperature should be above 40°F (5°C).
- Do not thin. Solvents will prevent proper cure.
- Minimum age of concrete must be 21-28 days.
- Not for sealing cracks under hydrostatic pressure.
- Not to be used in moving cracks or expansion joints.
- Dynapoxy EP-800 is a vapor barrier after cure.

#### PACKAGING

- 2 Gallon Kit (7.6L) – 1 gallon can Part A and 1 gallon can Part B
- 10 Gallon Kit (37.8L) – 5 gallon pail Part A and 5 gallon pail Part B

#### 4. COVERAGE

- 1 gal (3.8 L) of mixed epoxy yields 231 cu in (3746 cu cm)

#### 5. TECHNICAL DATA

**Applicable standards:** Dynapoxy EP-800 meets or exceeds the requirements of ASTM C-881, Grade 2, Classes B&C as well as USDA specifications for use in food processing areas.

#### 6. INSTALLATION

**Surface Preparation:** Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove surface contaminants such as dust, grease, curing compounds, impregnations, waxes, foreign particles and disintegrated materials. Concrete: Sandblast or use other approved mechanical means. Steel: Clean steel to a near white metal by mechanical means.

**Mixing:** Pre-mix each component thoroughly. Place 1 part by volume of Part A and 1 part by volume of Part B into a clean pail. Mix thoroughly for 3 min. with low-speed drill and Jiffy type mixer (400-600 rpm) until uniformly blended. Mix only the quantity that can be used within its gel time.

**Application: FILLING & SEALING NON-MOVING, HORIZONTAL JOINTS AND CRACKS:** Pour Dynaflex EP-800 into joints or cracks or use low pressure application equipment.

**Cleaning:** Uncured material can be removed with citrus cleaner or other approved solvent. Cured material can only be removed mechanically.

**Storage Life:** 12 months from date of manufacture when stored in original unopened containers at temperatures between 40°-90°F (15°-32°C).

**Precautions:** Part A of two-part Dynapoxy EP-800 is an irritant. Part B of two-part Dynapoxy EP-800 is corrosive. Product is a strong sensitizer. Use of safety goggles and chemical resistant gloves are recommended. Use of a NIOSH/OSHA organic vapor respirator is recommended if ventilation is inadequate. Avoid breathing vapors. Avoid skin contact. If eye contact occurs, flush immediately with water for at least 15 minutes. Contact physician immediately. If trouble breathing occurs, remove person to fresh air. If skin contact occurs, remove any contaminated clothing. Remove epoxy immediately with a dry cloth or paper towel. Solvents should not be used as they carry the irritant into the skin. Wash skin thoroughly with soap and water. **Cured epoxy resins are innocuous.**

#### TYPICAL PHYSICAL PROPERTIES - RESIN

Test Property	Test Value	Test Procedure
Modulus of Elasticity (psi)	2,600	ASTM D-695
Brookfield Viscosity (cps)	8,400	ASTM C-881
Tensile Strength (psi)	730	ASTM D-638
% Elongation at Break	65-75	ASTM D-638
Water Absorption (%)	0.32	ASTM D-570
Gel Time (minutes)	30	ASTM C-881
Shore A Hardness	80-90	ASTM D-2240
Shore D Hardness	50-75	ASTM D-2240
Shrinkage	Pass	ASTM C-883
Thermal Compatibility	Pass	ASTM C-884
VOC g/L	0	EPA Method 24

**FOR PROFESSIONAL USE ONLY.  
KEEP OUT OF THE REACH OF  
CHILDREN.**

**7. AVAILABILITY  
AND COST**

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at [www.pecora.com](http://www.pecora.com).

**8. LIMITED 1 YEAR  
WARRANTY**

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when used in strict accordance with our published recommendations and in applications considered by us as suitable for this product. The determination of eligibility for this warranty or the choice of remedy available under this warranty, shall be made in our sole discretion and any decisions made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty including but not limited to incidental or consequential damages.

**9. TECHNICAL SERVICES**

Local Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions, or to conduct job-site inspections. For further information and assistance, please call our Technical Service department at 215-723-6051 or 800-523-6688.

**10. FILING SYSTEMS**

- Sweet's Catalog File: [www.sweets.com](http://www.sweets.com)
- General Building
  - 03010 Maintenance of Concrete
  - 03930 Concrete Rehabilitation



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