



### Low Temperature, Rapid Set Concrete Patch

#### I. BASIC USE

- Spall repairs and patching on bridge decks
- Traffic area spalls, crack repairs and patching
- Freezer floor repairs
- Airport runways, taxiways and ramps
- Patching prior to coating application

#### 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™ AWP (All Weather Patch) is a rapid setting, 100% solids, high strength, all-weather spall repair and patching material for concrete. Dynapoxy AWP uses a unique hybridized epoxy urethane system and an engineered aggregate blend for superior performance in all conditions.

#### Advantages:

- Meets USDA and FDA Requirements
- Open to traffic in 10-15 minutes
- Fast initial set; rapid gain to ultimate strengths
- Easy 1:1 mix ratio
- Application in temperatures as low as -20°F

#### Limitations:

- Mix only quantities that can be used within the pot life of 3 minutes
- Do not store above 85°F or in direct sunlight
- When temperatures are below 10°F, kit contents should be preconditioned to 65°F-85°F

#### PACKAGING/YIELD

- .45 ft<sup>3</sup> (800 in<sup>3</sup>) kit—1 gallon container Part A and 1 gallon container Part B plus aggregate all in a 5 gal pail
- Yield – .45 ft<sup>3</sup> of patching material

#### 4. TECHNICAL DATA

**Applicable standards:** Dynapoxy AWP meets or exceeds the requirements for the following industry specifications: ASTM C-881, ASTM C-882 and ASTM D-412.

#### 5. INSTALLATION

Read all instructions prior to use.

**Surface Preparation: Surfaces must be clean and dry.** Clean the area of all debris and contaminants. Expose clean rough concrete for best results. If using a saw to cut concrete and clean the crack, remove all of the dust from the cut out area. Cut a vertical edge, minimum 1/2" deep, around perimeter of spall. Make sure the area is dry. Vacuum or blow off concrete dust with oil-free compressed air.

**Mixing:** Precondition both Parts A & B to 70°F before use in cold temperatures. Mix only quantities that can be applied in 3 minutes. Stir or shake Part B for 30 seconds before use. Add equal parts by volume of Part A and Part B into a clean mixing container. Mix Parts A & B for 30 seconds then add Part C and mix until aggregate is wetted out. A small amount

of aggregate may be withheld for sprinkling onto the finished surface immediately after troweling for surface texture and color.

**Application: PLACE PRODUCT IMMEDIATELY.** Minimum application temperature is -20°F. Tamp Dynapoxy AWP into the entire patch area with the blunt end of a 2x4 or similar object to properly wet the substrate. It should then be troweled and finished immediately. Finished patch should be level and not higher than the surrounding area. Patches may be ground. A small amount of aggregate may be withheld for sprinkling onto the finished surface immediately after troweling for surface texture and color.

**Grinding to Finish Grade:** Allow Dynapoxy AWP to set approx. 20 mins. or until hardened. For best results use a flexible 7-inch grinding wheel and grind smooth and level with the finished grade. Shaving, scraping or cutting may also be done with a sharp razor blade cutter. Cut as soon as product is set but before fully cured. Repair is now ready for traffic.

**Cleaning:** Empty containers must be drip free. Cured product may be disposed of without restrictions. Excess liquid A and B should be mixed together, allowed to cure and disposed of. Cured materials must be stripped or peeled from tools and containers within one hour.

#### TYPICAL PHYSICAL PROPERTIES

Test Property	Test Value	Test Procedure
Viscosity – neat (cps)	250	
Pot Life @73° 100 Grams (mins.)	3	ASTM C-881
Hardness	60-70D	ASTM D-2240
Tensile Strength (psi)	1500	ASTM D-412
Elongation %	30	ASTM D-412
Compressive Strength w/aggregate (psi)	3500	ASTM C-579
Bond Strength (psi)	2000	ASTM D-C882
Adhesion (psi)	400	ASTM ACI 503R
VOC g/L	<150 g/L	EPA Method 24

**Storage Life:** 12 months from date of manufacture when stored in original unopened containers. Do not store above 85°F or in direct sunlight.

**Precautions:** Part A is an irritant. Prolonged contact with skin may cause irritation. Avoid eye contact. Part B may cause burns on contact with skin. Avoid eye contact. Avoid breathing the dust of Part C. Dynapoxy AWP is a strong sensitizer. Use of safety goggles and chemical resistant gloves are recommended. Use of a NIOSH approved respirator is recommended if ventilation is inadequate. Avoid breathing vapors. 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.**

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

## 6. 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).

## 7. 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..

## 8. 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.

## 9. FILING SYSTEMS

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

