

Air Entrained Concrete Patch



Specification Data Sheet



Concrete Mix with Corrosion Inhibitor

1. BASIC USES

- Highways & Bridge Decks
- Parking Garages
- Structural Piers
- Slabs
- Industrial Floors
- Balconies
- Foundations

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® Air Entrained Concrete Patch is an air entrained super plasticized high performance (ready mix) concrete mix with corrosion inhibitor.

Advantages:

- Engineered to meet commercial/ industrial ready mix specifications
- Super plasticized for higher slump and compressive strengths
- Ideal for projects requiring small structural concrete applications
- Exceeds ASTM C-387
- Contains corrosion inhibitor
- High strength
- Replaces ready mix truck where access is restricted
- Full depth repairs 2" (51 mm) or greater
- Pumpable

PACKAGING

• 80 lbs. (36.3 kg) bag
Requires up to 4 quarts (3.8L) of clean potable water per 80 lb bag.
Yield - One 80 lb. bag yields approx. 0.61 ft.³ (0.02 m³). 145 lbs – 1 ft.³ (2322 kg/ m³)

COLOR

- Gray

- Excellent freeze/thaw resistance
- Excellent workability

Best Performance:

- Apply when air or substrate temperature is between 40°F (4°C) and 100°F (38°C) within 24 hours of application.
- Do not mix more material than can be placed in 30 minutes
- Do not add aggregate or over water
- For repairs less than 2" use Pecora Tempo 2500

4. TECHNICAL DATA

Applicable standards:

- Exceeds ASTM C387 Standard specification for packaged, dry, combined materials for mortar and concrete.
- Test results obtained under controlled laboratory conditions. Reasonable variations can occur due to atmospheric and job site conditions.

5. INSTALLATION

Refer to:

- [ACI 302 Guide for Concrete Flooring and Slab Construction](#)
- [ACI 304 Guide for Measuring, Mixing, Transporting and Placing Concrete](#)
- [ACI 308 Standard Practice Curing Concrete](#)

Surface Preparation: Surface must be clean, dry and free of loose or damaged concrete, dust, dirt and other contaminants such as oil, grease, paint and any other foreign material that will inhibit performance. Slick or sealed surfaces must be thoroughly roughened. Sides must be squared off. Clean all reinforcing steel to bare white metal and coat with Rebar Anti-Corrosion Coating. Surface should be brought to a saturated surface dry (SSD) condition with clean potable water.

NOTE: It is the responsibility of the installer/applicator to ensure test patches are installed to determine the suitability of the product for its intended use.

Mixing: Mix up to 4 quarts (3.8L) of clean potable water per 80 lb. (36.3 kg) bag. The use of a mechanical mixer is recommended. Mix thoroughly for 3 to 5 minutes. Clean mixer often to prevent a build up of material.

Application: Immediately place the blended material into the properly prepared area. Maintain a minimum thickness of 2" (51mm). Compact to eliminate voids. Forms may be removed after 8 hours.

Curing: Cure in accordance with American Concrete Institute procedure number 308.

TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
Compressive Strength		ASTM C39
1 day	>2,000 psi (14 MPa)	
7 days	>5,000 psi (34 MPa)	
28 Days	>6,000 psi (41 MPa)	
Length Change		ASTM C157
Dry	-0.04	
Wet	+0.02	

Cleaning: Use water to clean all tools immediately after use.

Storage Life: 12 months from date of manufacture when stored in original unopened containers.

Precautions: Product is alkaline and may burn or irritate upon contact with eyes or skin. Use of safety goggles, rubber gloves and dust respirator is recommended. Avoid prolonged contact with clothing. In case of eye contact, flush thoroughly with water for at least 15 minutes and seek immediate medical attention. For skin contact, wash thoroughly with soap and water. Do not take internally. If swallowed, **SEEK IMMEDIATE MEDICAL ATTENTION.** This product contains crystalline silica. Take measures to contain and reduce dust. Prolonged exposure to crystalline silica may cause silicosis or other serious delayed lung injury. Avoid breathing dust. For prolonged exposure wear a respirator approved for protection against crystalline silica dust. Crystalline silica has been classified by IARC and NTP as a carcinogen. Refer to Material Safety Data Sheet (MSDS) for more information.

**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.

7. LIMITED 1 YEAR WARRANTY

Pecora® warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Pecora will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Pecora for its use, and Pecora shall not be liable otherwise. Replacement of any defective product, or, at Pecora's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Pecora shall in no event be liable for any damages in excess of the purchase price of the defective product. **PECORA SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND.** Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Pecora in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Pecora. Pecora has authorized no person to make or give any other warranties or representation, oral or written on its behalf. **IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

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. KEY INDUSTRY LINKS •

- American Concrete Institute
www.concrete.org
- International Concrete Repair Institute
www.icri.org
- Sealant Waterproofing and Restoration Institute
www.swrionline.org
- United States Green Building Council
www.usgbc.org

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