



## DURADHESIVE™ PLOWABLE MARKER CASTING ADHESIVE

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**Description** Duradhesive is an epoxy based solvent free, two component, thermosetting system designed to anchor plowable castings to both concrete and asphalt pavements. It is fast setting and pourable. Meets AASHTO M237 Type 4 specifications.

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**Use** May be used as an adhesive for plowable marker castings, as an anchoring adhesive for anchor bolts and foundation bolts as well as an all purpose adhesive.

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**Advantages**

- Solvent free
- Resistant to chemicals
- Excellent adhesion to concrete and asphalt
- Rapid return to service

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**Technical Data\***

Property	Value	Test Method
Gel Time (60 grams)	6 to 8 minutes	ASTM C881
Color (mixed)	Grey	AASHTO M237
Bond Strength 3 Hrs	> 250 psi	AASHTO M237
Tensile Strength	> 2000 psi	ASTM D 638
Compressive Strength	> 8000 psi	ASTM C 109

*\* Samples cured at 77 °F. Results can vary and depend on mixing method, equipment, curing conditions, test equipment, sample handling, sample conditioning, consistency and technicians.*

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**Packaging** Mix Ratio by volume: 1 Volume Part A: 1 Volume Part B  
10 Gallons (5 Part A and 5 Part B) Pails  
*IBC also available*

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**Limited Warranty:** P3 warrants this product to be free of any defects resulting from its design and manufacturing. All warranty claims shall be submitted in writing to P3 immediately upon discovery or before expiration of shelf life of product. Resolution is limited to replacement of materials purchased. P3 does not acknowledge any other representation or warranty, express or implied, or liability relating to the condition or use of the product and in no circumstance shall P3 be liable to user or any third party for any direct or indirect consequential or incidental damages.

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## To Apply

**Surface** Clean to remove contaminants such as water, loose residual from grinding etc. Remove loose debris by vacuum or blow with dry compressed air.

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**Mixing** **Manual:** Measure the two components separately; Part A and Part B according to mix ratio by volume (1A:1B) in containers free of moisture, debris, solvents or any contaminants. Pour into a clean mixing container, one component at a time, thoroughly mix ensuring no unmixed material remains. Time of mixing will vary with batch size and temperatures. Working time is reduced due to exotherm.

**Mechanical:** Volumetric, positive displacement measuring, mixing and dispensing equipment may be used. Equipment shall be capable of conditioning components stored in independent tanks and consistently measure, mix and dispense liquid to be poured on surface manually or mechanically.

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**Caution** Part A: Contains Epoxy Resin. Skin and eye irritant. Prolonged contact can cause sensitization.  
Part B: Contains Amines. Skin and eye irritant. Can cause severe burns when in contact with skin and eyes. Use proper clothing and respirators. Consult Safety Data Sheet for details.

**First Aid** Remove contaminated clothing. Wash thoroughly with water and soap. If contact with eyes, irrigate with water for 15 minutes and consult physician. Remove to ventilated area. If ingested, do not induce vomit, seek medical attention immediately. Consult Safety Data Sheet for details.

**Limitations** Do not dilute with any solvent or thinner  
Apply when surface and ambient conditions are 35°F and rising for proper cure

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**Keep out of reach of children. Not for internal consumption. For industrial use only. Keep containers properly closed.**

All information and instructions provided by P3 are in good faith based on P3 current knowledge and experience of its products when handled properly and according to P3 instructions. P3 assumes no responsibility of issues outside of its control that would influence result and behavior of P3 products. User of P3 products must test these products for suitability for the intended application and purpose. P3 reserves the right to alter properties of its products without notice. Please read P3 product Safety Data Sheet prior to using P3 products. It is intended for your safety. Use proper protective Equipment per Safety Data Sheet.

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