

RESIN ANCHORING SYSTEMS
(for Installation of Dowel Bars & Tie Bars
in Concrete Pavement and Extending Reinf. Concrete Box Culverts)

BRAND

AC100+ Gold
T308+

MANUFACTURER

Powers Fasteners, Inc.
2 Powers Lane
Brewster, NY 10801
(914)235-6300

METHOD OF DOCUMENTATION OF ACCEPTANCE: By brand and manufacturer.

Requirements for Resin Anchoring Systems

The following procedure is to be used in acquiring approval of Resin Anchoring Systems:

1. The manufacturer/supplier will provide the Materials Division with a test report from a recognized laboratory covering the material to be used. The resin anchoring system will be tested in accordance with ASTM C 881/AASHTO M 235. A recognized laboratory is any State Highway Agency, Federal Highway Administration, or independent laboratory regularly inspected by the National Institute of Standards and Technology. Accompanying this report will be a statement by the manufacturer/supplier certifying compliance of the material with the requirements of ASTM C 881/AASHTO M 235 Type IV, Grades 2 or 3 (Viscosity, Consistency, and Volatile Content may not be applicable to some resin anchoring system) and the suitability of the resin anchoring system for use in securing steel products to portland cement concrete (ASTM E 488, Single Anchor, Static Tension). The statement will also indicate the temperature Class(A, B, or C) that the material meets. If the material does not meet all the requirements of ASTM C 881/AASHTO M 235 (Type IV, Grades 2 or 3) the manufacturer/supplier will certify to only those requirements the materials meets and note those that it does not meet. Products not fully complying may be considered for and approved for specific or limited uses.

2. A sample of the resin anchoring system will be supplied to the Materials Division for testing. The sample should be sent to the Department and the Division at:

Box 2261 or 11301 Baseline Road
Little Rock, AR 72203 Little Rock, AR 72209

3. If the test report and AHTD tests indicate compliance with specifications, the product will be approved for use.

4. Destination samples will also be taken as deemed necessary to assure compliance with specifications. Failure of these samples may be considered sufficient cause to reject the material and suspend further use and/or removal from this QPL until tests by the Department determine that the producer's product is in compliance with applicable specifications and requirements.