

## REINFORCING BAR GROUT ADHESIVES (NON-EPOXY)

Other materials may be used as an alternate to ASTM C 881, Type IV Epoxy when the Special Note for Non Epoxy Adhesives is included on the project notes. These materials include Non Epoxy (Polyester) Adhesives and Epoxy Adhesives not in conformance with ASTM C881, but meeting the minimum pull out strength referenced below.

Manufacturers desiring to have their products placed on this list shall submit samples to the Chemical Section. The adhesives shall be tested in accordance with Kentucky Method 64-209, Pull-Out Test for Re-bar Anchor Systems. In this test, the material is used to anchor a 16 mm (#5) epoxy coated rebar in hardened concrete having a 28 day compressive strength of 27,580 kPa (4000 psi) and must develop a minimum pull-out strength of 84,516 N (19,000 lbs.) with zero slippage. Material which develops the pull-out strength in one hour shall be classified as Category I and material which develops the pull-out strength in 24 hours shall be classified as Category II.

<b><u>Manufacturer</u></b>	<b><u>Product</u></b>	<b><u>Category</u></b>
Powers Fasteners, Inc.	Powers Hammer-Capsule	I