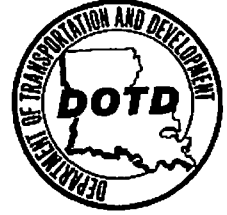




BOBBY JINDAL
GOVERNOR

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
Materials and Testing
5080 Florida Blvd.

Baton Rouge, Louisiana 70806-4123
{Materials and Testing/Section22(225)248-4187}



SHERRI H. LEBAS, P.E.
SECRETARY

October 7, 2010

Mr. Patrick Buckley
Senior Staff Engineer
Power Fasteners, Inc.
2 Powers lane
Brewster, NY 10509

Re: Powers Fasteners PE1000+

Dear Mr. Buckley

We have completed the evaluation of Powers Fasteners PE1000+ which shows conformity of this product with the Department's specifications.

Powers Fasteners PE1000+ has, therefore, been approved and added to the Qualified Products List 40 for Concrete Anchor Systems under the heading (C) Injection Systems and the Department's Qualified Products List 52 as an Adhesive Anchor System for Deformed Tie Bars and Dowel Bars.

Qualified Products List 40

CONCRETE ANCHOR SYSTEMS

(C) INJECTION SYSTEMS

Product Source Code Number	Product	Approx Cure Time	Bolt Size mm (inches)	Minimum Embedment Depth mm (inches)	Working Loads		Source
					Pull-Out kN, (lbs)	Shear KN (lbs)	
4071	PE1000+	Refer to Product Data	9.5 (3/8)	85.7 (3-3/8)	15.5 (3495)	Refer to Product Data	Powers Fasteners, Inc 2 Powers Lane Brewster, NY 10509
			12.7 (1/2)	114.3 (4-1/2)	28.1 (6310)		
			15.9 (5/8)	142.88 (5-5/8)	37.6 (8455)		
			19.1 (3/4)	171.4 (6-3/4)	48.3 (10860)		
			22.2 (7/8)	200.0 (7-7/8)	54.3 (12200)		
			25.4 (1)	228.6 (9)	62.4 (14020)		
			31.75 (1-1/4)	285.75 (11-1/4)	76.1 (17110)		

Mr. Patrick Buckley
Senior Staff Engineer
October 7, 2010
Page 2

Qualified Products List 52

ADHESIVE ANCHOR SYSTEMS FOR DEFROMED TIE BARS AND DOWEL BARS

Product Source Code Number	Product	System	Source
5262	PE1000+	Injection	Powers Fasteners, Inc. 2 Powers Lane Brewster, NY 10509

Should you have any questions about this approval, please contact McArthur Whitmore, Jr. at (225) 248-4115 or Khiet Ngo at (225) 248-4134

Sincerely,



Luanna Cambas., P.E.
Materials Engineer Administrator

LC: mwjr.

cc: Francisco Gudiel
Khiet Ngo
Alton Booth
Standards Unit