



# Iowa Department of Transportation

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April 16, 2013

Ref. No. 435.074

Robert Antoinette  
Staff Engineer  
Powers Fasteners, Inc.  
2 Powers Lane  
Brewster, NY 10509

Subject: Approval of New Adhesive System, Appendixes A, B and C of IM 491.11

Dear Bob:

A recent technical review on the test results concludes the AC50 Silver, an adhesive system manufactured by Powers Fasteners Inc., in compliant with Iowa DOT Materials Instructional Memorandum 491.11 (IM 491.11). The tests were conducted by the Iowa DOT Central Materials Laboratory, and the SOR Testing Laboratories, Inc.

As a result, the AC50 Silver is accepted for use on Iowa road and highway projects, and will be placed on lists of the approved brands of polymer grouts and adhesive anchors, Appendixes A, B, and C of IM 491.11, respectively. The approval may be withdrawn because of deficient test results, product changes, or unsatisfactory field performance.

This letter will serve as your certification until next IM revision. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chengsheng Ouyang', with a long horizontal flourish extending to the right.

Chengsheng Ouyang  
Office of Construction and Materials

cc: G. Mulder  
K. Jones  
S. Moussalli  
W. Sunday  
M. Coles  
B. Boell

District Materials Engineers  
District Construction Engineers  
District Local System Engineers  
Resident Construction Engineers