



Minnesota Department of Transportation

Office of Materials and Road Research

Mail Stop 645
1400 Gervais Avenue
Maplewood, MN 55109-2044

Tel: 651/ 779-5592
Fax: 651/ 779-5616

April 10, 2001

(651) 779-5572

Mr. J. Bret Turley
Simpson Strong-Tie Company, Inc.
Anchoring Systems Division
2600 International Street
Columbus, OH 43228

RE: Anchorage Products ET, ETF, SET, and AT

Dear Mr. Turley:

Recently, Bill Paar has contacted both myself as well as the Minnesota Department of Transportation (Mn/DOT) Commissioner's Office in regards to approval for several anchorage products. The Mn/DOT Office of Materials and Road Research, has reviewed the documentation you submitted for approval.

Simpson Strong-Tie Epoxy Tie (ET), Epoxy Tie – Fast Cure (ETF), and Set Adhesive (SET) have been added to the approved products list for "Concrete Anchorages", per ASTM C 881 and the pull-out test conforming to ASTM C488. A minimum bar diameter will be a #5 bar with a minimum embedment length of 5". This will apply to all three epoxy adhesives (ET, ETF, and SET).

Simpson Strong-Tie Acrylic Tie (AT) has been added to the approved products list for "Concrete Anchorages", per ASTM C 881 and the pull-out test conforming to ASTM C488. A minimum bar diameter will be a #3 bar with a minimum embedment length of 3 1/2".

Please note that it is the manufacturers' responsibility to immediately notify Mn/DOT, if the chemical formation of any product is changed or modified, or if the product is no longer being produced. If our testing determines that the chemical formation has changed, without prior notification from the manufacturer, the product may be removed from the approved product list.

All of our approved products are located on the Mn/DOT Concrete Engineering Unit web site at www.mrr.dot.state.mn.us/pavement/concrete/products.asp.

Sincerely,

A handwritten signature in cursive script that reads "Maria Radermacher".

Maria Radermacher
Assistant Concrete Engineer

cc: File (4)



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November 13, 2001

(651) 779-5575

Mr. Bill Paar
Simpson Strong-Tie Company, Inc.
Anchoring Systems Division
2600 International Street
Columbus, OH 43228

Re: Mn/DOT Approval for Simpson Wedge-All Expansion Anchors

Dear Mr. Paar:

The Minnesota Department of Transportation (Mn/DOT), Office of Materials and Road Research has reviewed the documentation you submitted for approval of Simpson Wedge-All Expansion Anchors. This product has been added to the approved products list of "Concrete Anchorages" as a mechanical anchorage under the miscellaneous concrete anchorages category. This approval is based on a minimum 3/4" diameter anchor with a minimum 3-3/8" embedment. This approval is also contingent upon satisfactory performance in the field.

Please note that it is the manufacturer's responsibility to immediately notify Mn/DOT of any product changes or modifications, or if the product is no longer being produced. If changes or modifications occur, without prior notification from the manufacturer, the product may be removed from the approved product list.

All of our approved products are located on the Mn/DOT Concrete web site at www.mrr.dot.state.mn.us/pavement/concrete/concrete.asp.

If you have any questions or comments, please contact me at the above address.

Sincerely,

A handwritten signature in cursive script that reads "Eric Embacher".

Eric Embacher, P.E.
Assistant Concrete Engineer

Cc: File