

STATE OF MICHIGAN



JOHN ENGLER, GOVERNOR

DEPARTMENT OF TRANSPORTATION

MATERIALS AND TECHNOLOGY DIVISION

SECONDARY GOVERNMENTAL COMPLEX

POST OFFICE BOX 30049, LANSING, MICHIGAN 48909

PHONE: 517-322-1087 FAX: 517-322-5664 TDD/TTY - MICHIGAN RELAY CENTER: 800-649-3777

ROBERT A. WELKE, DIRECTOR

November 5, 1996

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LH 8-4 (6/96)

Mr. Gerald Hagel  
Ackerman Johnson Fastening Systems Inc.  
136 Official Road  
Addison, Illinois 60101

Dear Mr. Hagel:

This letter is to inform Ackerman Johnson Fastening Systems Inc. that the *Simpson ET22* has satisfied the requirements set forth by the Michigan Department of Transportation to remain on our Qualified Products list. Thank you for your submittal.

Your product has been accepted for the following minimum embedment depths (mm):

Threaded Rod (mm)	6	10	13	16	19	22
<i>Simpson ET22</i>	na	89	108	127	171	191
Rebar (mm)	10	13	16	19	22	25
<i>Simpson ET22</i>	na	108	na	171	na	210

na=Information not available or did not meet requirements

*A soft conversion is used for the threaded rod and rebar. For 6 mm use 1/4", for 10 mm use 3/8", for 13 mm use 1/2", for 16 mm use 5/8", for 19 mm use 3/4", and for 22 mm use 7/8".*

Sincerely,

Douglas Needham  
Structural Engineer  
Structural Research Unit



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**DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION AND TECHNOLOGY DIVISION

SECONDARY GOVERNMENTAL COMPLEX, POST OFFICE BOX 30049, LANSING, MICHIGAN 48909-7549

PHONE: 517-322-1087 FAX: 517-322-5664

JAMES R. DeSANA, DIRECTOR

January 20, 2000

Mr. Jim Hemmelgarn  
Product Sales Manager  
Anchor Systems  
Simpson Strong-Tie® Company, Inc.  
2600 International Street  
Columbus, Ohio 43228

Dear Mr. Hemmelgarn:

We have completed testing on the Acrylic-Tie AT that you recently submitted. Acrylic-Tie AT meets our specifications for grouting in dowel and tie bars for full-depth concrete repairs and will be added to our Qualified Products List under *Adhesive Systems for Grouting Dowel and Tie Bars for Full-Depth Pavement Repairs*. It can now be used on Michigan Department of Transportation projects for this use.

If you have any further questions, I can be reached at 517-322-1070.

Sincerely,

A handwritten signature in black ink that reads "Thomas D. Miller".

Thomas D. Miller  
Engineering Technician  
Materials Research Group