



## DEPARTMENT OF COMMUNITY & ECONOMIC DEVELOPMENT

### BUILDING REGULATIONS DIVISION

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### COUNTY COMMISSIONERS

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### COUNTY ADMINISTRATOR

Deborah A. Feldman

### ASSISTANT COUNTY ADMINISTRATOR

Joseph P. Tuss

December 11, 2006

Brian J. Rychlik  
Simpson Strong-Tie Company, Inc.  
2600 International Street  
Columbus, Ohio 43228

RE: Product Approval; Titen HD anchors for use in One, Two and Three Family Dwellings.

Dear Mr. Rychlik:

We have received your request for product approval for the Titan HD foundation anchor, for One, Two and Three Family Dwellings. Upon reviewing the information submitted, we have approved Titen HD anchor as an equal to the 2006 Ohio Residential Code required a 1/2" bolt 6' o.c. foundation anchor with some noted exceptions.

1. The spacing and embedment of the anchor must be per your charts:
  - *Poured Concrete* anchors must have minimum 4.5" embedment, and be spaced a maximum 6'-0" o.c., and be placed within 12" of the end of each sole plate and corner.
  - *Fully Grouted Block* anchors must have minimum 4.5" embedment, and be spaced a maximum 3'-10" o.c., and be placed within 12" of the end of each sole plate and corner.
  - *Solid block* anchors must have minimum 4.5" embedment, and be spaced a maximum 4'-0" o.c. and be placed within 12" of the end of each sole plate and corner.
  - All the above spacings include 1-3/4" minimum edge distance and 8" minimum to the end of the sole plate and two anchors per plate.
2. If used in solid block, special inspections are required to verify the block is completely solid and not a termite block which only has a few inches of solid material.
3. If used with treated lumber such as ACQ or CA, the fastener must be mechanically galvanized (MG).

If you have any question you may call Joseph Mangan at 937-225-5038 or me at 937-225-4586.

Respectfully Yours,

Maurice D. Wyckoff  
Chief Building Official  
Montgomery County Building Regulations Division