

TEXAS DEPARTMENT OF INSURANCE

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Proposed Change to Windstorm Building Requirements or Procedures in the Texas Windstorm Insurance Association Plan of Operation

Name: Randall Shackelford
Organization/Company: Simpson Strong-Tie Co.
Address: 2221 Country Lane
City, State, Zip: McKinney, TX 75069

Date: June 12, 2006
Telephone: 972-439-3029
Fax No.: 972-542-4139

Please complete the following for each proposed change:
(A separate form must be submitted for each proposed change.)

1. Proposed change to the following building requirement or procedure:

International Building Code requirements for fasteners in treated wood

2. Proposed change is to:

**Document IBC
Section 2304.9.5**

3. Please use the following format to present the proposed change:

~~LINE THROUGH LANGUAGE TO BE DELETED~~ UNDERLINE NEW LANGUAGE TO BE ADDED

4. Proposed Change. Please specify change. Attach additional sheets if needed.

2304.9.5 Fasteners in preservative-treated and fire-retardant-treated wood. Fasteners for preservative treated and fire-retardant-treated wood shall be of hot dipped zinc-coated galvanized steel, stainless steel, silicon bronze or copper. The coating weights for zinc-coated fasteners shall be in accordance with ASTM A 153.

Exception: Fasteners other than nails, ~~and timber rivets, wood screws and lag screws~~ shall be permitted to be of mechanically deposited zinc coated steel with coating weights in accordance with ASTM B695, Class 55 minimum

5. Reason for Change. Please state purpose and reason for change. Attach additional sheets if needed.

We proposed this code change to the IBC and IRC last year, but the wording turned out to be different in the IBC and IRC. This change will make the IBC and IRC say the same thing.

Mechanical galvanizing is very common for screws, and in fact is possibly the only way to deposit a thick zinc coating on them. Wood screws and lag screws are frequently installed in pre-drilled holes, so abrasion of the finish is not the same problem as for nails.

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Item Number: _____
BCAC Form 100-99 Amended January 1, 2005

Page ____ of ____

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- 6. Attach supporting written or printed information, including, but not limited to, test data, structural calculations, and/or documentation that the proposed change complies with the minimum wind load criteria and design standards specified in the building requirements adopted by the Texas Department of Insurance. Attach supporting written or printed information relating to the proposed changes to the building requirements or procedures contained in the Texas Windstorm Insurance Association Plan of Operation.**

Pursuant to Article 21.49, §6C of the Insurance Code, this proposal form must be complete and submitted to the address specified above not later than the 30th day before the date of a scheduled advisory committee meeting for the proposal to be considered at that meeting.

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Page ____ **of** ____