



ENGINEERED WOOD WEEK

NEWS NOTES FROM AITC. THE ORIGINAL TRADE ASSOCIATION FOR ENGINEERED WOOD

June 1, 2007

AITC 109-2007

AITC has recently published AITC 109-2007 *Standard for Preservative Treatment of Structural Glued Laminated Timber*. Changes in the American Wood Preservers Association (AWPA) standards for pressure treating lumber and timbers necessitated a thorough revision and updating of AITC 109-98.

In 1999, AWPA introduced a Use Category System (UCS) as an alternative way to specify treatment for wood products. According to AWPA, "the UCS was developed as a format revision of the Commodity (C) Standards and is not intended to make substantive technical changes to those standards. The stated goal of AWPA was to phase out the Commodity standards that had been customarily used, beginning in 2000, with the expectation that the C Standards would be removed from the AWPA book of standards in 2001. The intent of the change was to make it simpler for the designer or end user to specify treated lumber.

The change-over took longer than expected with the AWPA Book of Standards including both systems through 2005. In 2006 AWPA published its Book of Standards without the traditional C Standards. The 2006 International

Building Code (IBC) removed the list of C Standards formerly included and replaced them with reference to AWPA Standard U1, which is the new Use Category System.

The new system includes two parts: the User Specification (U1-06) and the Processing and Treatment Standard (T1-06). The idea is that the U1 standard should contain the information needed by the designer to write his specification

and the T1 standard should contain the specific information regarding processing and application of the preservative that is relevant only to the treater.

AITC 109-2007 incorporates the new system by reference to standards U1-06 and T1-06 and through the use of updated tables adapted from those standards. Additional changes include editorial changes to improve the language and the flow of the standard. The revision of AITC 109 standard ensures that the information provided

by AITC continues to be up-to-date and relevant to the laminating industry.

AITC 109-2007 is available as a free download from our website at www.aitc-glulam.org, or may be purchased directly from AITC for \$12.00 plus shipping and handling (members receive a discount).

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AITC 109 - 2007
STANDARD FOR PRESERVATIVE TREATMENT OF
STRUCTURAL GLUED LAMINATED TIMBER
Adopted as Recommendations May 1, 2007
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1. INTRODUCTION

1.1 Wood structures properly designed and constructed have performed satisfactorily for centuries. Where the possibility of decay, insect attack, or marine borer attack exists, the wood used must be heartwood of a naturally durable species or pressure-treated with an approved preservative to insure durability. Information contained in this standard is based on what is believed to be the most accurate and reliable technical data currently available. It should be used with professional design consideration for any general or specific application regarding need for and suitability of the use of preservative-treated wood.

1.2 This standard covers preservative treatment of structural glued laminated timber made from species for which allowable stresses are published in AITC 117, *Standard Specifications for Structural Glued Laminated Timber of Softwood Species* or AITC 119, *Standard Specifications for Structural Glued Laminated Timber of Hardwood Species* and for which values for treatment penetrations and retentions are published in AWPA T1-06, *Use Category System, Processing and Treatment Standard* and in AWPA U1-06, *Use Category System, User Specification for Treated Wood*. This standard does not