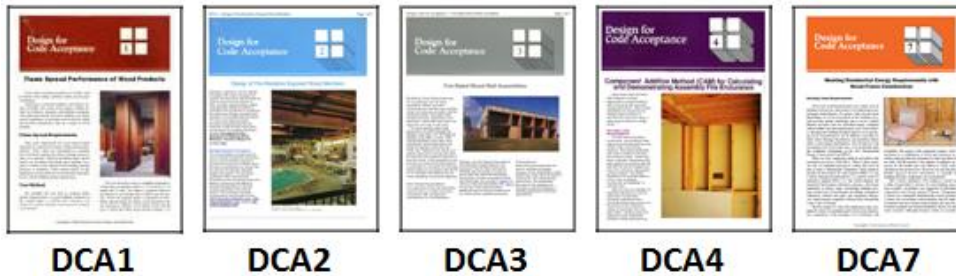




Design For Code Acceptance “DCA” Documents

<http://www.awc.org/codes/dcaindex.php>



These documents are intended to support product acceptance for regulatory purposes

DCA 1 - Flame Spread Performance of Wood Products

<http://www.awc.org/publications/DCA/DCA1/DCA1.pdf>

Provides building code accepted flame spread ratings for various wood products and species which are normally used as interior finishes for walls, ceilings, and floors in buildings.

DCA 2 - Design of Fire-Resistive Exposed Wood Members

<http://www.awc.org/publications/DCA/DCA2/DCA2.pdf>

Illustrates how exposed heavy timber and glued laminated columns and beams can be designed to meet building code fire resistance requirements.

DCA 3 - Fire Rated Wood Floor and Wall Assemblies

<http://www.awc.org/publications/DCA/DCA3/DCA3.pdf>

Describes how interior and exterior wood-frame walls and wood I-joint floors can be used to meet building code requirements for fire resistive assemblies.

DCA 4 - CAM for Calculating and Demonstrating Assembly Fire Endurance

<http://www.awc.org/publications/DCA/DCA4/DCA4.pdf>

Describes a procedure to calculate the fire endurance rating of a wood-frame wall, roof, or floor/ceiling assembly. The procedure is based on combining previously determined fire resistance time values of each separate component of the assembly without the need for additional fire testing.

DCA 7 - Meeting Residential Energy Requirements with Wood-Frame Construction - 2012 IECC Version

<http://www.awc.org/publications/DCA/DCA7/DCA7.pdf>

Wood and wood-based products are widely used in building construction, due in part to favorable energy performance characteristics. As energy codes become more demanding, use of wood products in the building envelope provides greater advantages due to wood's natural thermal resistance and low embodied energy combined with excellent structural performance and constructability. Ensuring the building envelope achieves ever-increasing levels of performance can be difficult, especially for walls where framing, fenestration, and insulation details affect overall energy performance. This Design for Code Acceptance (DCA) provides ways to economically meet the residential requirement of the 2012 International Energy Conservation Code (IECC).