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First ICC-ES ELC for Wood Screws to CSA O86 Issued to Simpson Strong-Tie®

Building product listing program provides manufacturers with proof of compliance to Canadian standards

Brea, CA – ICC Evaluation Service (ICC-ES) has issued the first Canadian listing report (ELC) to CSA O86 for Wood Screws to structural building product supplier Simpson Strong-Tie. The CSA O86 standard, referenced in the National Building Code of Canada (NBCC), provides criteria for the structural design and evaluation of wood structures or structural elements.

The Simpson Strong-Tie Strong-Drive® SDCF, SDCP and SDHR screws are manufactured using a standard cold-forming process and are heat-treated. The screws are alternative dowel-type self-drilling fasteners, and have met the testing requirements for fastener shear, tension, bending yield strength, withdrawal resistance, and lateral resistance, among others.



SDCF TIMBER-CF screws installed into a CLT butt-joint application



The Strong-Drive SDCF Timber-CF screw is designed for cross-laminated timber construction

“Simpson Strong-Tie Strong-Drive screws are fasteners for cross-laminated timber and mass timber construction that do not require pre-drilling,” said Simpson Strong-Tie Sr. Engineering Manager - Fastening, Robert Leichti, PhD. “Obtaining a Canadian listing report reflects our commitment to third-party product review, better ensuring code compliance and product performance. We appreciate the robust and timely review that ICC-ES provides that is facilitated by their publicly developed and publicly available acceptance criteria.”

The full report for ELC-3046 is available for free download [here](#).

ICC-ES is one of only a few evaluation entities in the U.S. accredited by the Standards Council of Canada to evaluate building products to the NBCC. As a result, ICC-ES Canadian listing reports are accepted in all Canadian provinces and territories.



If you have any questions or are interested in obtaining a Canadian building product listing, please contact es@icc-es.org or call the ICC-ES office at (800) 423-6587.

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About ICC-ES

A nonprofit, limited liability company, ICC-ES is the United States' leading evaluation service for innovative building materials, components and systems. ICC-ES [Evaluation Reports](#) (ESRs), [Building Product Listings](#) and [PMG Listings](#) provide evidence that products and systems meet requirements of codes and technical standards. The ICC-ES Environmental Programs issue VAR environmental reports that verify a product meets specific sustainability targets defined by today's codes, standards, green rating systems and ICC-ES [environmental criteria](#). ICC-ES is a member of the [ICC](#) family of solutions.

