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8287 124<sup>th</sup> Street, Unit 3  
Surrey, BC V3W 9G2

Attn: Max Closen  
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RESEARCH REPORT: RR 26072  
(CSI# 06 05 23)

BASED UPON ICC-ES EVALUATION  
REPORT NO. ESR-3178

REEVALUATION DUE  
DATE: January 1, 2018  
Issued Date: January 1, 2017  
Code: 2014 LABC

**GENERAL APPROVAL** – SWG Assy VG Plus Wood-Drilling Screws.

**DETAILS**

SWG Assy VG Plus Wood-Drilling Screws are approved when in compliance with the use, description, material, design and installation, conditions of use and identification of Report No. ESR-3178, issued October 1, 2016 of the ICC Evaluation Service, LLC. The report, in its entirety, is attached and made part of this general approval.

The parts of Report No.ESR-3178 marked by the asterisks have been removed by the Los Angeles Building Department from this approval.

**The approval is subjected to the following conditions:**

1. Screws are installed in accordance with Schraubenwerk Gaisbach GMBH instructions and ESR-3178.
2. Screws are only to be installed in sawn lumber with assigned specific gravity, as specified in Table 11.3.3.A of the 2012 ANSI/AWC National Design Specification for Wood Construction® (NDS) (Table 11.3.2A of the 2005 NDS) within the ranges given in Tables 2 and 3.

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3. Screws installed in contact with preservative-treated or fire-retardant-treated wood are beyond the scope of this approval.
4. Screws installed into Cross Laminated Timber (CLT) are beyond the scope of this approval.
5. Screws must be installed and used in dry in-service conditions where the moisture content of the wood members does not exceed 19 percent.
6. All construction details shall be indicated on the approved plans by the engineer of record of the building. The details shall be approved by the Structural Plan Check.
7. Structural members forming the connection must be designed in accordance with the 2014 LABC.

## **DISCUSSION**

The report is in compliance with the 2014 Los Angeles City Building Code.

The approval is based on tests in accordance with ICC-ES Acceptance Criteria for Alternate Dowel-Type Threaded Fasteners (AC233), dated June 2014.

This general approval will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revision to the report must be submitted to this Department for review with appropriate fee to continue the approval of the revised report.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

MyTiCon Timber Connectors, Inc.  
RE: SWG Assy VG Plus Wood-Drilling Screws

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

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Attachment: ICC ES Report No. ESR-3178 (7 Pages)