January 1, 2019

RE: Sole Plate-to-Rim Board Shear Connections with Screws for Canada

To Whom It May Concern:

The Simpson Strong-Tie® Strong-Drive® SDWC Truss, SDWH Timber-Hex, SDWS Timber, SDWV Sole-to-Rim and SDS Heavy-Duty Connector screws may be used to attach a sole plate to a rim board according to the following table. Testing was based on ICC-ES Acceptance Criteria AC233 and analyzed per CSA Standard O86-14.

![Factored Lateral Resistances for Sole Plate-to-Rim Board Connections](image.png)

1. Factored resistances shown have been developed in accordance with 12.11 CSA O86-14 based on testing per ICC-ES AC233 and are limited to parallel-to-grain loading.
2. Apply the adjustment factors $K_p$, $K_{sp}$, and $K_f$ as per 12.11.4.1 when applicable.
3. Minimum spacing and end distances shall be per 12.11.2.2 CSA O86-14 using the following nominal diameter sizes: SDWC – 0.235”, SDS – 0.242”; SDWH – 0.268”; SDWS – 0.300”; SDWV – 0.183”
4. Minimum spacing of the SDS for LVL and LSL applications is 6” o.c., minimum end distance is 6”, and minimum edge distance is 5/8”.
5. Wood structural panel up to 1 1/8” thick is permitted between the sole plate and rim board provided it is fastened to the rim board per code and the minimum penetration of the screw into the rim board is met.
6. A double 2x sole plate is permitted provided it is independently fastened per the code and the minimum screw penetration per the table is met.
7. The SDWS19600 may be substituted for the SDWH19600DB when interior dry conditions exist.

The information in this letter is valid until **12/31/2019** when it will be re-evaluated by Simpson Strong-Tie. Please visit strongtie.com for further information. If you have questions or need further assistance, contact the Engineering Department of Simpson Strong-Tie at 1-800-999-509.

Sincerely,

SIMPSON STRONG-TIE COMPANY INC.