SDWF — Strong-Drive® Floor-to-Floor Screw

SIMPSON Strong-Tie

Features

- Faster to install than other floor-to-floor connection methods drive the screw, install the take-up washer and the connection is made from plate to plate.
- Shrinkage compensation ensures a tight connection even after initial shrinkage and settlement occur.
- · Installs from inside the structure, eliminating exterior work on the upper stories and enhancing job safety.
- Fastening can be done before or after exterior sheathing is applied for added flexibility.
- One screw length can be used for multiple floor depths (refer to chart to select appropriate screw size), reducing the need for many screw lengths.
- The SDWF kit includes all required installation hardware.

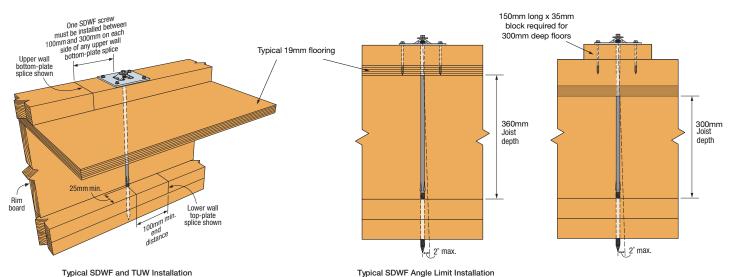
Product Information and Withdrawal Loads

Model No.	Size (mm)	Thread Length (mm)			read		
			Min.	Max.	JD4	JD5	JD6
SDWF2720-TUW	7mm x 508mm	127	320mm	360mm	131	105	80
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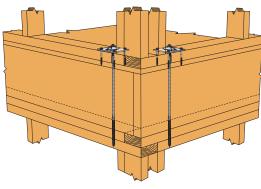
- Joist depth listed based on the 19mm flooring and 70mm of thread penetration into double top plates. For 300mm deep joists install a 35mm block on bottom plate.

Concentrated Uplift Loads

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	Single SDWF-TUW with 2/ 35mm top plates						
Model No.	Allowable Tension Load (kN)						
	JD4	JD5	JD6				
SDWF2716-TUW	9.1	7.3	5.6				

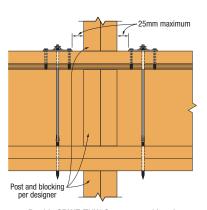


Typical SDWF and TUW Installation



Perspective View of Corner Conditions with Double SDWF-TUW (single SDWF-TUW similar)

Note: Stud-to-plate connections (SDWS22) are required to complete the load path and are the responsibility of the designer.



Double SDWF-TUW Concentrated Load Restraint Detail at Continuous Wall (single SDWF-TUW similar)

This flyer reflects information available as of 04/12/2023 and may be updated periodically.

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