

# Technical Bulletin #5b

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## STAPLE USE IN PANEL CONNECTIONS

Premier SIPs typically use 8d nails at 6" on center for the connection of splines and plates as shown in the typical details. Many contractors prefer to use staples as the typical fastener for their projects. Staples may be used instead of 8d nails provided they meet the following criteria:

**Minimum Staple Length = 1- 1/2"**

**14 gauge - 6" on center.**

**16 gauge - 4" on center.**

**Chisel point staples are preferred**

The suggested size and spacing for the staples is an equivalent to the typical 8d nails. Each project should be reviewed to make sure that the minimum nailing patterns satisfy design conditions. High diaphragm loads may require more fasteners depending on the diaphragm design loads.

Staples are not recommended for use in SIP shear walls in seismic design categories D, E and F.