

# LATERAL SOLUTIONS



*The 2009 NEESWood Capstone test is the largest full-scale earthquake test in history. It featured a seven-story, 40' x 60' condominium tower that was outfitted with Simpson Strong-Tie® lateral systems products and subjected to the ground motions equivalent to a 7.5 magnitude quake.*

*See the video and learn more at [www.strongtie.com/capstonetest](http://www.strongtie.com/capstonetest).*

## Combining design flexibility with structural performance

As the leading manufacturer of seismic holdowns for site-built shearwalls, it was natural for Simpson Strong-Tie to apply our expertise to structural systems that resist lateral forces from seismic and high-wind events. Our Wood and Steel Strong-Wall<sup>®</sup> products are a result of our research efforts to improve the efficiency of shearwalls, as is our Anchor Tiedown System for multi-story structures.

Our latest addition, the Strong Frame<sup>™</sup> ordinary moment frame, rounds out our lateral-systems offering and provides specifiers and builders a cost-effective alternative to site-built moment frames.

All of our lateral systems product lines allow designers the freedom to include larger window and door openings as well as open spaces in their designs while still meeting the requirements of the building codes.

There is no other company in the industry that offers such a wide variety of lateral systems solutions – solutions our customers use to make buildings safer and stronger.

To learn more, visit:

[www.strongtie.com/lateralsystems](http://www.strongtie.com/lateralsystems)



Strong-Wall<sup>®</sup> shearwalls



Strong Frame<sup>™</sup> moment frames



Anchor Tiedown Systems