



FOR IMMEDIATE RELEASE: July 8, 2013

First Window Frame Certified in the United States by Passive House Institute

Paso Robles, CA – [Casagrande Woodworks Inc.](#) has received the first [Passive House Institute](#) (PHI)'s window frame certification in the United States for its window called **Synergist**. This window has a thermal transmittance (Uw) of 0.79 W/(m²K) with Passive House Efficiency Class A (advanced component). **Synergist** is also the **only** PHI-certified **solid timber-only, out-swing casement** window **in the world** and will be manufactured by Casagrande Woodworks in California.

Casagrande Woodworks believe **Synergist** will be in high demand for both its performance and its design in North America. While tilt-and-turn windows (PVC, wood and wood-aluminum) are more commonly installed in Europe, the high performance technology is applied to the design of this more popular timber-only, out-swing casement window for the North American marketplace.

The **Synergist** window is able to meet the PHI's thermal performance criteria within a week. "We have appropriately named this newly certified window, **Synergist**," said Jeff Casagrande, President of Casagrande Woodworks. "By collaborating and planning this window design with our tooling and machinery suppliers in advance, we are able to achieve the certification requirement within a week." This certification is a result of a combined effort of [Soukup America](#), [Rangate](#), [Zuani](#), [Alpine Technical Workshops](#) and [PHI](#).

Another unique benefit of this industry collaboration is speed to market. With nearly completed cutting tools, North American will soon be able to obtain this PHI-certified window that is made in North America instead of importing windows from overseas. "Our companies' goal is to promote and enable production shops to manufacture high performance windows in North America. PHI's strict criteria provide highly regarded standards which we've challenged ourselves to meet," said Greg Godbout, President of Rangate. "By combining knowledge, technical data and a network of collaborative minds, Casagrande Woodworks will receive the Zuani cutting tools in two weeks. This highly performing timber window with an equivalent performance of R-7.1 (imperial) will soon become a reality."

Both Casagrande Woodworks Inc. and Alpine Technical Workshops have been invited to exhibit at the [Passive House North 2013 Conference](#) in Vancouver, Canada this September. Casagrande Woodworks will showcase this new **Synergist** window, and Alpine Technical Workshops will be supported with its core message that higher performance windows are in increasing demand and can be produced in North America through businesses collaborations.

About Casagrande Woodworks Inc.

Since 2005, Casagrande Woodworks Inc. has been busy creating woodwork for some of the finest projects around. Its passions include windows, doors, and cabinetry – handcrafted, high quality and unique. Products and gallery are available at <http://www.casagrandewoodworks.com>.

About Rangate

Rangate, Inc. is a SOLUTION DRIVEN company for the woodworking industry, focusing on solid-wood window, door and millwork productions with tooling, machinery and accessories supplies since 2007. Products are available at <http://www.rangate.com>.

About Alpine Technical Workshops

Alpine Technical Workshops LLC is a collaboration between Rangate, Inc. and Cascade Woodwork LLC. Its workshops offer high performance wooden window and door production instructions with access to business and supply knowledge to increase production success since 2010. Workshop schedule is available at <http://www.alpineworkshops.com>.

To learn more about this new window, **Synergist**, please contact:

Jeff Casagrande, President and Craig Bower, Vice President

4230 Cloud Way, Paso Robles, CA 93446, USA / Office: (805) 226-2040 / Fax: (805) 226-2041

jeff@casagrandewoodworks.com / craig@casagrandewoodworks.com / www.casagrandewoodworks.com

Synergist's PHI Certificate can be viewed here: <http://www.rangate.com/passivehouse>

###