

PRESS RELEASE MARCH 2017

For: CONSTRUCTION PRESS & GENERAL RELEASE



March 28th, 2017 Toronto, ON

Passive House is “In” in 2017, Especially for Legalett Canada!

The origins of Passive House may date back 40 years to the Saskatchewan Conservation House built in 1977 in Regina, Canada but those design principles were systematized by Bo Adamson and Wolfgang Feist, who founded the Passive House Institute (Passivhaus Institut) in 1996 in Darmstadt, Germany.

Buildings utilizing the Passive House standard use dramatically less energy than typical buildings due to a high level of insulation, high-performance windows, an airtight building enclosure, minimized thermal bridges, and continuous ventilation with energy recovery.

The number and size of Passive House projects in North America has grown very rapidly in 2016, whilst several mid-rise residential projects currently under construction will more than quadruple the number of available units and at least triple the square footage of Passive buildings in 2017. For example, Cornell University's 250-foot-tall, 26 story, 270,000 sqft high rise under construction on Roosevelt Island will be the tallest and biggest Passive building in the world when it is completed in 2017...

“As The Passive House Standard (Passivhaus) is the most rigorous energy-based standard in the design and construction industry today, leading to healthy, affordable buildings that consume up to 90% less heating and cooling energy than conventional buildings and as it's applicable to almost any building type or design, and is the only internationally recognized, proven, science-based energy standard in construction, Legalett Canada decided we should be a part of this Building Revolution.” Ken Williams, VP of Sales and Marketing said: “Our first PH project was a 1,000 sq.ft. house in Vermont in 2012. This project focused Legalett on further developing our long established GEO-Slab insulated Slab-Forming System, and resulted in the GEO-Passive Slab super-insulated product which is able to be designed to meet any required R-values and any type of exterior finishes including brick. We have since gone on to supply many PH projects from residential homes in Colorado USA to 42-unit, 4-storey apartment buildings in Ottawa, Canada to a 25000 sqft manufacturing facility in Haliburton, Canada.”

Legalett also underlined their Passive House commitment by launching their ThermalWall PH Panel system at IIDEX recently, prompting TreeHugger to post "there are some serious advantages to foam that can make a TreeHugger think twice, especially when one is talking Passive House". [See More Here.](#)

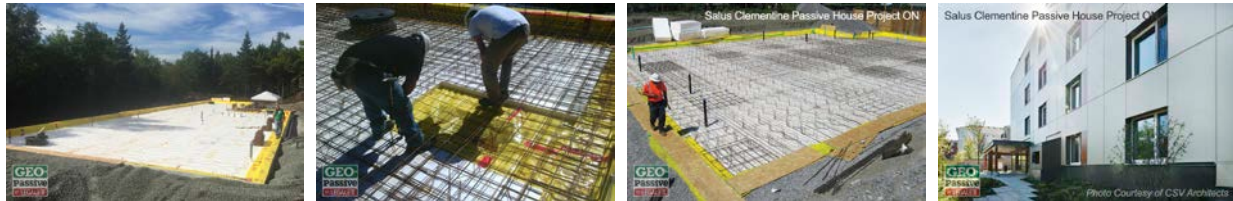
Passive House Canada is a great organisation with some very knowledgeable people and Legalett are looking forward to working with them in continuing to push the energy envelope and the adoption of Passive House standards by providing innovative yet simple Super-Insulated Solutions to the construction industry in 2017 and beyond.

Ken Williams

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