

The Opportunity.

Construct Single & Multifamily homes with 100% higher actual R-Value exterior walls than the 2016 Energy code with less cost, complexity, and increased resilience. Surpass sustainability goals defined for ESG 2030 & 2050.



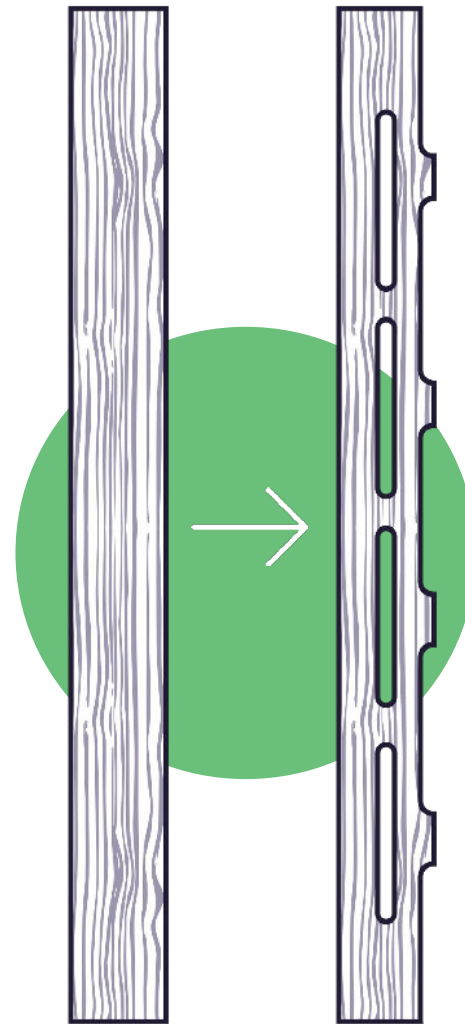
The **EcoSmart™ Stud** is designed to exceed code with a simple elegant solution. Remove the unneeded wood from the typical exterior stud and let insulation fill the space.

Energy Efficiency: 2x6 & 2x8 ESS walls exceeds 2016 Energy Code for exterior walls by 31-111%. Upgrade to triple pane windows and increase the actual R-Value to 73-129% over 2016 energy code walls with double pane windows.

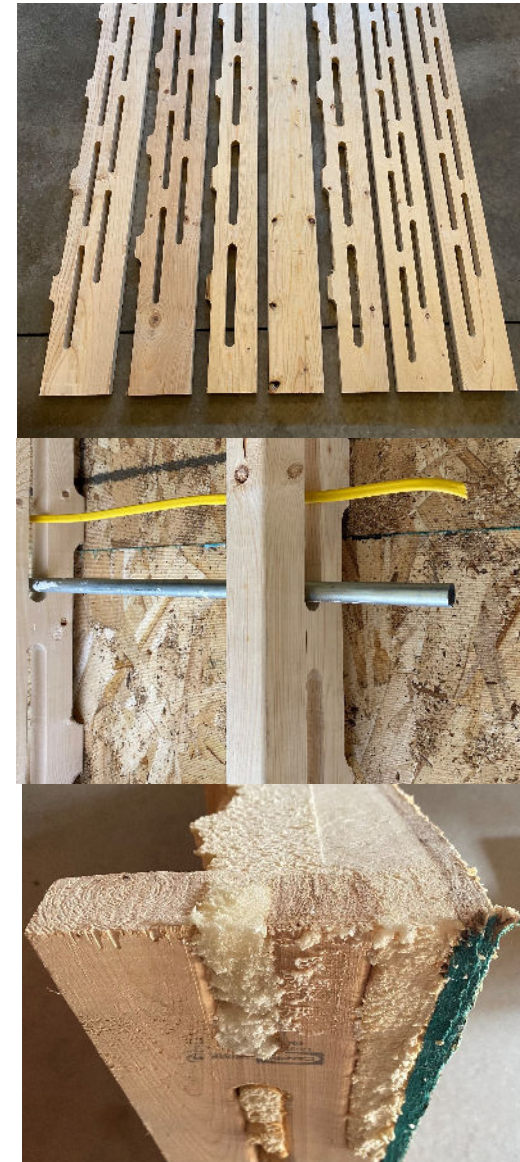
Cost: ESS studs extra cost is basically offset by the savings in electrical installation, less clean up, quicker framing time. Ridged foam walls are 45-55% more expensive to build than ESS wall assemblies. ESS walls are structurally more resilient due to spray foam being used for the base layer of insulation.

CO2 Savings and other benefits: Less embodied carbon than exterior ridged foam panel walls. Reduction of CO2 emissions in production, transportation, and from pulp production used to make other products. Lowers pressure on forests. Fewer Trees needed to make the same amount of products.

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US. Patent # 10612235



Saving the World is Just Good Business.

Simple: No change in building techniques. Just changing parts

Quick ROI for Home Owner:
Home owner sees substantial energy savings immediately.

ESG: Less Embodied CO2, less CO2 emissions in shipping.
Saves forest resources.



Designed by a Builder for
Builders

ecosmartstud.com

US Patent # 10612235



Our team:



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