

# THE FUTURE OF FRAMING

**PRACTICALLY REVOLUTIONARY!**

## MEET INSUL-STUD®

The latest technology in building materials. A premium product, meticulously engineered for use wherever an equivalent sized solid sawn 2x6 framing member is used to form a continuous insulated thermal break within the wall cavity.

NO EXTERIOR FOAM REQUIRED!



Eliminates thermal bridging in wall cavity



40% more energy efficient



Compatible with all wall cavity insulation types



Uses one-third less lumber



30% lighter for reduced effort, labor, and shipping costs



Eliminates warping, twisting, and bowing for 15% less waste



Meets 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) prescriptive energy code requirements for continuous insulation within the stud cavity.

# EFFECTIVE R-VALUE AND U-FACTORS FOR INSUL-STUD® WALL ASSEMBLIES:

WALL FRAMING	CAVITY INSULATION	EXTERIOR INSULATION	SHEATHING	U-FACTOR	R-VALUE
1.625"x5.5" Insul-Stud® @24" OC	R-21 Batt	-	7/16" OSB	0.0441	22.6
1.625"x5.5" Insul-Stud® @24" OC	R-21 Batt	R3 Insulated Zip	7/16" OSB	0.039	25.7
1.625"x5.5" Insul-Stud® @24" OC	R-21 Batt	R6 Polyiso	7/16" OSB	0.035	28.8
1.625"x5.5" Insul-Stud® @24" OC	2" Closed Cell + R-15 Batt	-	7/16" OSB	0.037	27.9
1.625"x5.5" Insul-Stud® @24" OC	2" Closed Cell + R-15 Batt	R3 Insulated Zip	7/16" OSB	0.032	31.2
1.625"x5.5" Insul-Stud® @24" OC	2" Closed Cell + R-15 Batt	R6 Polyiso	7/16" OSB	0.029	34.4

## About Us

Born out of Moment Innovations, LLC, Insul-Stud® was founded on innovation and a passion for the residential wood framed construction industry. Each team member and partner is an expert in their field, bringing collective experience in business leadership, engineering, construction, fabrication, and product development.

Our mission is to revolutionize the wood framed construction industry by bringing mindfulness and intentionality to wall framing. Framing the same way we have always done it is wasteful, energy-inefficient and labor intensive.

Using Insul-Stud will not only reduce the amount of natural resources needed to frame a home, you will also eliminate thermal bridging, reduce energy bills for homeowners over the life of the home, and significantly reduce the time it takes to build a home.

*It's time to start thinking differently about wall framing!*



**Shawn Kelley, PE**

Founding Partner, Professional Engineer, Residential Design Expert



**Gene Frogale**

Founding Partner, Former President of the Structural Building Components Association (SBCA) and Annandale Millwork/Allied Systems

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**Insul-Stud® is Code Approved!**

Reference our Technical Evaluation Report TER 2207-01



**STUDS**



**JACKS**



**PLATES**



**SILLS**



**CRIPPLES**



**SPLINES**