

THE FUTURE HAS ARRIVED!

Exterior wall assemblies take on moisture, there is no avoiding it. 50 years ago, trapped moisture wasn't as much of an issue as it is today. Historically, wall assemblies had little or no insulation and had plenty of air moving through the wall, if they got moisture in them, they generally dried out. Today we have that pesky energy code saying we need to tighten up the houses and insulate more. This necessary movement towards a less permeable wall and greater R-values has greatly reduced the ability of exterior wall assemblies to dry out and has contributed to the growth of rot, mold and peeling paint. So, what do we do?

The answer is the R-Wall™. The R-Wall™ System has taken the best of both traditional building methods and code-compliant new methods and has brought them together. We have designed and tested a wall system that will both insulate and keep the weather out - without rotting over time. We have achieved this using a rainscreen construction and three revolutionary new products: Henry Blueskin® VP100, Roxul Comfortboard™ 80 and ThermalBuck™. First, the rainscreen construction allows water that gets behind the siding and trim (and it always does) to drain, allowing the siding and trim to remain dry. Secondly, the Blueskin® VP100 is applied to the sheathing. This fully-adhered, water-resistant membrane provides a barrier for the exterior sheathing while still allowing the sheathing to dry because of its high perm rating of 33. Then, a thermally broken buck system by ThermalBuck™ is installed adding ease of installation for window and door extensions. Lastly the Roxul Comfortboard™ 80, is attached to the exterior of the sheathing, providing a high level of permeability, can become wet and maintain its R-value, and drains and dries like a wool sweater.

The beauty of this exterior wall assembly is it keeps the dew point outside of the structural wall assembly. When properly installed, at no point is water able to penetrate the wall cavity from the exterior. What this means to you is long-lasting trim, siding and finishes – the paint stays on the house!

VERMONT

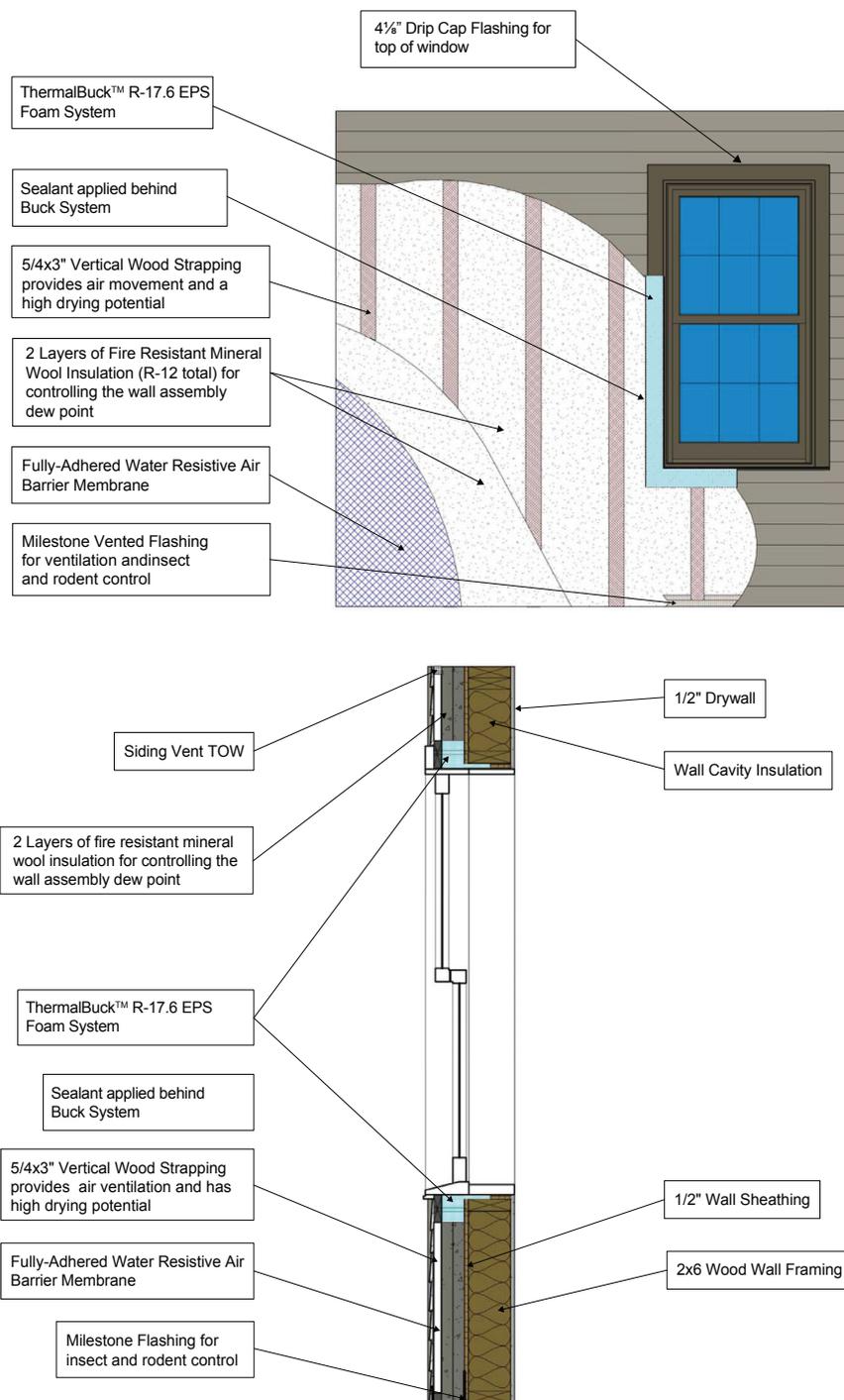
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R-WALL SYSTEM™

An advanced wall assembly made simple.



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