



May 2021

Nucor Building Systems is constantly seeking ways to improve our product offering and remain the low cost supplier for our Builders. We are pleased to announce an improvement to our R-Boost™ Elevated Insulation System. In an effort to improve thermal performance capabilities of the R-Boost system, a NEW R25+R38 assembly has been developed and will be available immediately. This assembly can realize U-factors as low as 0.026, which meets the requirements of IECC 2018 (Climate Zones 1-8) and ASHRAE 90.1-2016 (Climate Zones 1-8) for the United States. These levels of thermal performance are ideal for utilizing tradeoffs.

The table below shows the U-factor performance of the R-Boost assemblies with the NEW R25+R38 assembly highlighted.

R-Boost™ Performance*		Highest Climate Zones Covered	
Assembly	U-factor	IECC 2012/2015/2018	ASHRAE 90.1-2013/2016
<b>Installed Over Purlin</b>			
R19 + R19	0.033	5	5
R19 + R25	0.031	6	6
R19 + R30	0.029	8	7
R19 + R38	0.028	8	7
<b>R25 + R38</b>	<b>0.026</b>	8	8
<b>Installed Over Joist</b>			
R19 + R19	0.033	5	5
R19 + R25	0.032	5	5
R19 + R30	0.029	8	7
R19 + R38	0.028	8	7
<b>R25 + R38</b>	<b>0.026</b>	8	8

\*Assembly U-factor performance based on imperial units (Btu/h·ft²·F).

For more information on R-Boost or the new R25+R38 assembly, please reference the [sales literature](#).

**Critical Dates:** The new R-Boost R25+R38 assembly is available immediately. For more information, contact your local Sales Representative or Project Coordinator.

### **Our Commitment**

Nucor Building Systems is committed to ongoing improvements in all aspects of our business. This change is intended to enhance our product offerings and improve our costs and competitiveness in the marketplace. Your input and comments are always appreciated. If you have specific questions regarding this bulletin or any other area of our business, please contact your District Sales Manager or Project Coordinator.