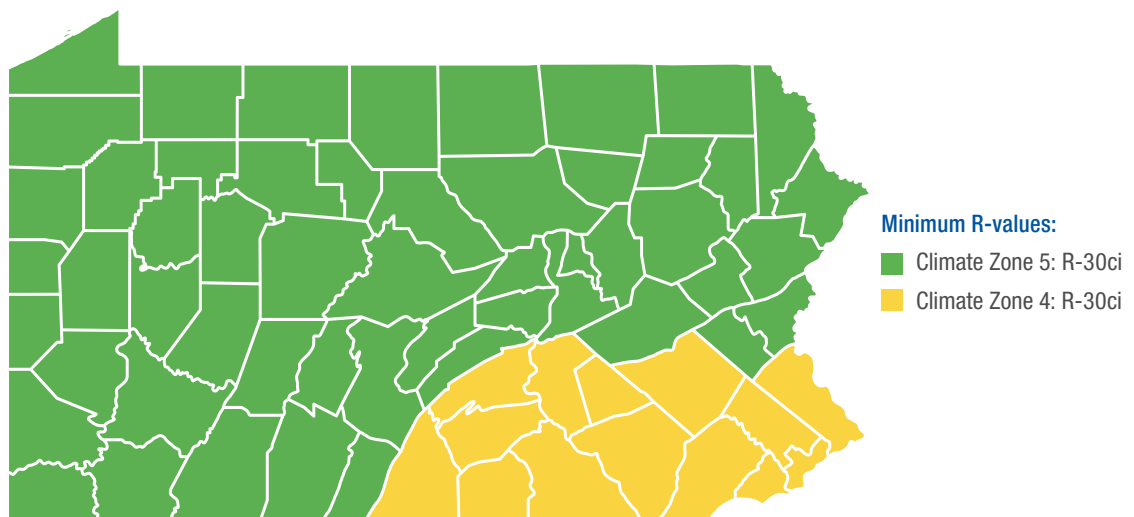


# Pennsylvania Minimum Insulation Requirements for Low-Slope Commercial Roofing

## PIMA State Energy Code Fact Sheet

The applicable building energy code that determines the minimum insulation requirements for commercial roofs with insulation entirely above the deck in Pennsylvania is the [2021 International Energy Conservation Code](#) (with state-specific amendments). This code is effective January 1, 2026. The minimum insulation requirements apply both to new construction and roof replacements for existing buildings.

### MINIMUM R-VALUE REQUIREMENTS FOR INSULATION ENTIRELY ABOVE THE ROOF DECK



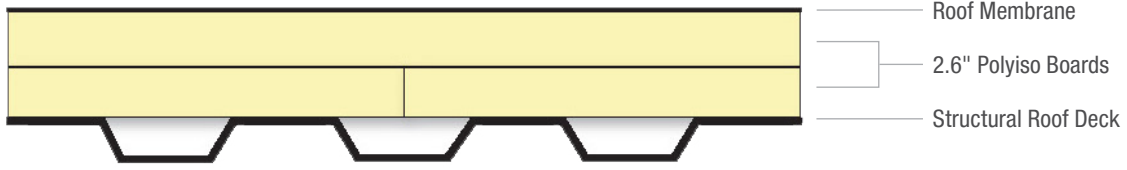
### NOTES

- » **About R-value:** R-value is a measurement of a material's ability to resist heat flow. The higher the R-value, the greater the insulating power. Installers should consult data sheets provided by polyiso manufacturers for information on product-specific R-values.
- » **Code Compliance:** The International Energy Conservation Code recognizes ASHRAE 90.1 as an alternate compliance option for both new construction and existing buildings.

### RESOURCES

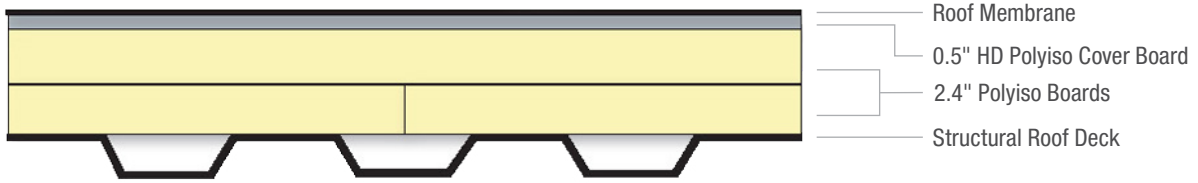
- » [Polyisocyanurate Insulation Manufacturers Association](#)
- » [U.S. Department of Energy](#)

OPTION #1 - R-30ci ROOF ASSEMBLY



Two layers of 2.6" polyiso	<b>R-30</b>
----------------------------	-------------

OPTION #2 - R-30ci ROOF ASSEMBLY



Two layers of 2.4" polyiso	R-27.6
0.5" HD polyiso cover board	R-2.5
<b>Total</b>	<b>R-30.1</b>

INFORMATION PROVIDED BY PIMA

For more than 30 years, the Polyisocyanurate Insulation Manufacturers Association (PIMA) has served as the voice of the rigid polyiso industry, proactively advocating for safe, cost-effective, sustainable, and energy-efficient construction. Organized in 1987, PIMA is an association of polyiso manufacturers and industry suppliers. Polyiso is one of North America's most widely-used and cost-effective insulation products.