

Benefits of Polyiso Insulation



ENERGY EFFICIENCY



High R-value per inch compared to other insulation products



FIRE PERFORMANCE



Inherent fire resistance due to unique chemical bonds



ENVIRONMENTAL



Carlisle-specific Environmental Product Declaration reports available



EASE OF USE



Third-party testing approvals for an expansive number of assemblies and applications



ECONOMIC



Meets today's code-required R-values without the added layers or increased costs of thicker assemblies



OTHER ATTRIBUTES



Available facer types to meet individual product needs



Published Long-Term Thermal Resistance (LTTR) values for roof insulation products



Thermoset material that does not melt or drip when exposed to flame (ASTM E84)



Contains blowing agents with zero ODP and low GWP



Available in a variety of product thicknesses and dimensions



High R-value equals thinner wall assemblies and savings from shorter fasteners



Reduces the potential for problems associated with air and moisture intrusion



Continuous insulation solution for the entire building envelope



Offers direct-to-deck attachment option for steel deck roofs (FM 4450/UL 1256)



Energy savings potential is equal to up to 47 times the product's embodied energy



Compatible with most roof and wall coverings, adhesives, and attachment systems



Wall insulation can replace the need for other air and water barrier products



Contributes to assembly's overall durability and service life



Reduces costly thermal bridges in roofs and walls when compared to cavity insulation only



Versatile insulation solution for NFPA 285-compliant wall assemblies



Recyclable through reuse where permitted and contains recycled content (varies by product)



Lightweight and easy to cut reduces labor costs and time



HD cover boards protect owner's investment and can reduce maintenance costs



Regionally available via a nationwide network of manufacturing plants