

PRODUCT OVERVIEW

Single source, high performance, fast install



Your vision. Our purpose.

ONEDEK®
INSULATED ROOF DECK

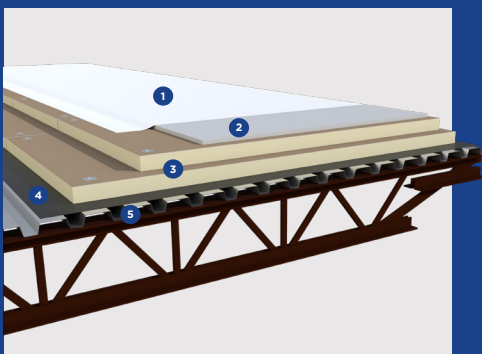


OneDek® by All Weather Insulated Panels is an innovative alternative to a traditional multi-layer low slope roof assembly. Replacing steel deck and multiple layers of ISO board insulation, a OneDek assembly requires fewer components and less steps to install, saving construction time, and labor, while providing exceptional energy efficiency for your roof assembly. An industry exclusive 20-year, top-to-bottom full assembly warranty is available.

Traditional Low-Slope Roof Assembly

More components, more installation trades, more through penetration fasteners.

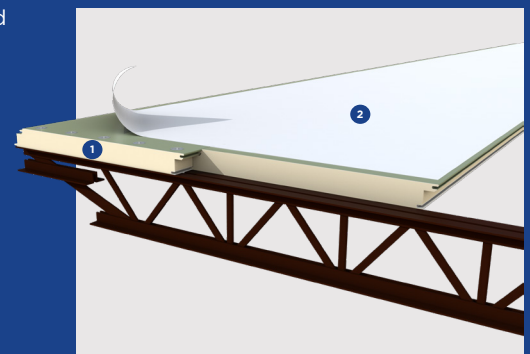
- 1 Membrane
- 2 Coverboard
- 3 ISO board
- 4 Vapor barrier
- 5 Steel Deck



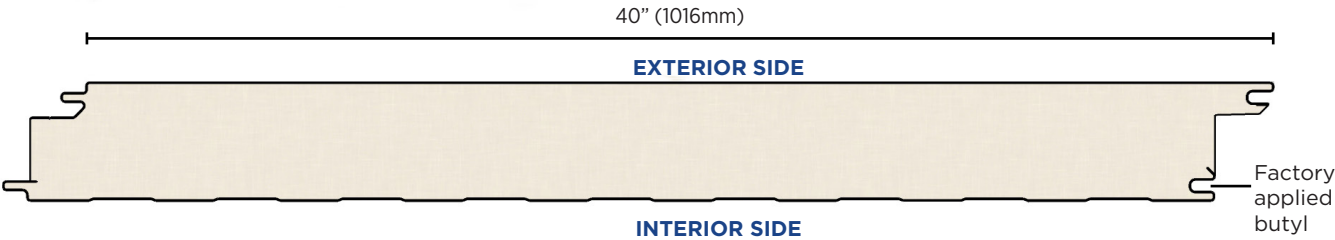
OneDek Roof Assembly

Higher performance, few installation steps, single source.

- 1 OneDek insulated roof deck panel
- 2 OneDek TPO or PVC Membrane



Insulated Roof Deck Dimensions



Feature	Function	Benefit
Fewer components to skin the roof	Simplifies design, sourcing and installation time reduced significantly	Material costs are similar, lower installation costs, building dried in faster
		Materials, complexity, and costs are reduced
		Trucks to jobsite reduced up to 30%**
		Assembly steps reduced by up to 75%
Composite design of insulated roof deck	Foam core sandwiched between interior and exterior steel facing	Single component acting as decking, air and vapor barrier, insulation, and coverboard
	Insulated roof deck is weather resistant	Phased construction-interior trades can work in parallel with membrane installation
	Provides a durable uniform surface	Walkable surface ideal for membrane installation without coverboard
	Closed cell foam	Water-resistant polyiso foam chemically bonded to steel facings
Fewer penetrations	Deck attachment fasteners into framing are the only through fasteners required	Significantly reduces number of through fasteners, reducing risk of failure
	Insulation fastener eliminated	Reduced installation time, risk of failure, and enhances interior appearance
	Membrane fasteners installed into exterior facing only	1-1/4" fasteners simplifies installation process and enhances interior appearance
Industry exclusive WTW±	Provided by single manufacturer	Enhances roof value to owner
	Covers decking, insulation, membrane, and edge metal	Less risk if issues arise
Factory painted facings	Clean finished interior aesthetic	Eliminates the need for an aesthetic ceiling system
		Standard white finish can reduce interior lighting required†
		No field painting required eliminates cost
Various thicknesses available	Customizable thermal and structural performance specific to project requirements	No extra insulation layers or steps required to achieve R values 14-57 °F•ft2•h/BTU‡

* Lead-times based on date of publication. Please contact your local AWIP representative for current lead-times

** Reference OneDek System Comparison Leveraging Product and Single Source Advantages Versus Traditional Systems

± Warranties subject to review, and may require components purchased from single manufacturer

† See color chart for alternative finish options

‡ As tested per ASTM C518 at 75° F mean temperature



Scan for the most current product information



Additional Note: Consult your AWIP Technical Services Representative or RoofNav for FM Approved Assemblies



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