

ROOF DECK SPAN

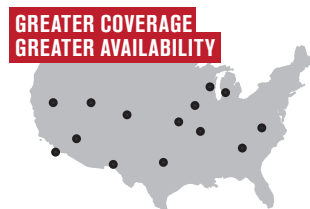
APPLICABLE TO INSULATION BOARD

ThermalStar® Insulation Board is often utilized in roof applications where it is placed directly over fluted steel decks and must be able to resist installation foot traffic loads. The table below provides the minimum recommended thickness of ThermalStar Insulation Board to span the flutes of various metal deck types.

MINIMUM THICKNESS TO SPAN METAL DECK FLUTES (INCH)					
PRODUCT NAME	DECK TYPE	Type A	Type F	Type B	Type N
	FLUTE SPAN	1.00"	1.75"	2.50"	2.75"
ThermalStar Insulation Board 10		1.25	2.25	3.12	3.44
ThermalStar Insulation Board 13		1.15	2.00	2.88	3.25
ThermalStar Insulation Board 15		1.05	1.85	2.63	2.90
ThermalStar Insulation Board 25		1.00	1.66	2.37	2.60

This technical bulletin is applicable to normally occurring roof foot traffic and proper staging during installation of the roofing system. Some minor deformation may occur in heavy traffic areas. In applications where rigid cover boards are used, the minimum thickness of the ThermalStar Insulation Board can be 1" for all the above deck types.

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