

PRODUCT INFORMATION

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MBRICO

Mbrico Pedestals Over ISO Board and Roofing Membrane

Description:

The Mbrico rooftop system is traditionally installed on pedestals, which rest on an EPDM, TPO, PVC, or other roofing membrane system. Questions can arise regarding the deck system weight, the pedestals, and its potential impact on the foam board and or membrane system.

Mbrico Response:

Pedestals must be supported by a surface that provides a minimum 40 psi or includes a protective layer coverboard. ISO board of 40psi or higher is acceptable for direct pedestal placement onto the roofing membrane. If using a traditional 25psi ISO board, a protective coverboard should be used prior to the waterproofing membrane being installed. DO NOT use pedestals over any insulation less than 20 psi or directly on low density polystyrene (bead board insulation).

If these parameters cannot be met, non-invasive options to remedy include:

- Narrow pedestal spacing on centers from standard to meet project insulation specs between 20-40 psi with no coverboard.
- Incorporate a floating insulation base under each pedestal (12"x12" based under each pedestal for larger pedestal footprint) for placement over roofing systems with 20-40psi bearing capacities and no coverboard.

Mbrico Dead Weight:

The Mbrico rooftop system weighs in at about 10.6 lbs per square foot dead load. This can vary slightly based on pedestal height and final system design.

Added Protection:

It is common practice to install a small piece of membrane (EPDM, TPO, PVC, etc.) under each pedestal as an extra layer of protection for the working roofing membrane system.

Certification:

The information provided here is not to serve as certification of any system. All final design and implementation is to be verified and certified by either the purchaser, general contractor, the architect, or an engineer.