

# Ballasted Roof Mounts N1

Can a ballasted roof be installed on a flat roof?

The Ballasted Roof System may be installed on flat roofs with slopes from 0-5 degrees. The Ballasted Roof System may be installed on the following roofing materials: EPDM,TPO,PVC,Modified Bitumen,Built-Up Roof and Tar and Gravel. All loose debris or gravel must be completely removed prior to installation.

What is the Sun approach angle for a ballasted roof mount?

The sun approach angle of the Ballasted Roof Mount system varies depending upon the amount of ballast required for your installation and whether or not Wind Deflectors are utilized. The sun approach angle for most installations will be 17 degrees. The row spacing for this system is 21.97 inches (module to module).

What is the difference between a ballast tray and a module clamp?

The Ballast Tray is designed to accommodate standard size solid concrete blocks. The Module Clamp secures PV modules to the Ballast Tray Mounting Plates and arrives at the job site preassembled, as shown below. The Module Clamp is sized for the specific module thickness.

How many clamps do I need for a ballast tray?

Use four clamps for each Ballast Tray, two on north and south two Ballast Trays. Multiple sizes available depending on thickness of PV module. Wind Deflector: Joins Ballast Trays together into a continuous structural member. Distributes and reduces loading on roof structure. Available in various lengths, each with a 2" module range.

Flat Ballast roof system with great flexibility and lower cost, ballast mount can be used for both commercial and civil flat roof solar system. Brief introduction for flat ballast roof system Application: Flat roof Module: 5-45 Degree Max wind ...

Since founded, we have been developing pioneering and highly functional mounting systems for all kinds of solar PV plants around the world, including ground mounting systems, roof mounting systems, solar canopy, solar carport, ...

The Mibet Flat Roof Ballasted Solar Mounting System, constructed from high strength aluminum alloy profile AL6005-T5 (surface oxidation treatment), offers an optimal solution for virtually any flat-roof solar power plant. With its concrete ...

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