

Archatrak Wood Joist Pedestal Support System

Archatrak 'Prime' pedestals can be supplied with a modified head designed to support wood joists. The modified head permits the construction of roof decks using traditional wood and composite decking, without the need for any significant substructure (apart from the joists themselves), significantly reducing both material and labor costs.

- 4 1/4" diam. head with 1 1/8" high vertical bracket fits multiple joist sizes.
- Upper section of vertical bracket snaps off to 3/4" height for thinner joists.
- Self-adjusting heads automatically adjust for slope up to 5%.
- Heads can be locked in place if required for extra stability.
- Wide circular pedestal base avoids damage to waterproof membranes.
- Screwed columns enable incremental height adjustment from 1 1/4" - 37".
- Pedestals are capable of supporting loads over 3000lb.



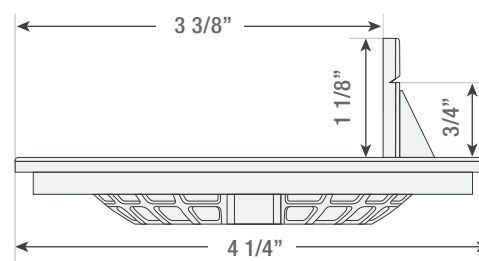
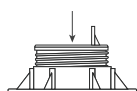
WOOD JOIST SYSTEM

Specifications

| | |
|----------------------|---------------|
| Material | Polypropylene |
| Environmental Impact | Recyclable |

| | |
|---------------------|-------------------------------|
| Fire Resistance | Class E (UNI EN 13501-1:2009) |
| Working Temp. Range | -40 °F to 180°F |

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|-----------------------|-----------------|---|----------|
| Max. Compressive Load | PR1 | - | 5058 lb. |
| | PR2 | - | 5283 lb. |
| | PR3 | - | 4496 lb. |
| | PR3 + extension | - | 3034 lb. |



Wood Joist Head Dimensions

Installation Guidelines

To construct a deck using this system, first position Archatrak's 'Prime' pedestals on the substrate at spacing set by your joist size and any applicable building regulations. Typically, wood and composite decking requires 12", 16", or 24" joist spans.

Using a level, string line, or laser and transit, adjust the pedestals to the correct height, ensuring all are level. Place a joist over a row of pedestals and screw the pedestal heads to the joist.

Once the joists are laid, level, and secure, the decking planks can be attached to the joists in the traditional manner using screws, nails, or clips.



'Prime' Pedestal

Archatrak's adjustable height 'Prime' pedestals cover the height range from 1 1/8" to 37" with just three pedestal models, thanks to their concentric screwed central columns. An 8" wide circular base with a pre-cut side for placing next to walls ensures excellent stability on any smooth, hard surface. Self levelling heads provide automatic slope compensation up to 5%. A snap in head lock provides easy conversion to a fixed head configuration as needed. Please see the Archatrak 'Prime' pedestal data sheet for more info.

