PEDESTAL + ALUMINUM JOIST / SYSTEM OVERVIEW

NeoLine Pedestal + Aluminum Joist System

Height-adjustable pedestals and modular aluminum joists form a rot-proof support framework for balconies, rooftops, terraces and patios.

COORDINATED MODULAR FRAME



Aluminum joists over adjustable supports
Product illustration. Not a spacing or load diagram.

REAL-WORLD INSTALLATION



NOMA rooftop aluminum subframe
Supports coordinated with the roof and deck layout.

PEDESTAL BODY HEIGHTS
26-740 mm
Across 12 pedestal models

MAIN JOIST MODULE
7 ft
Nominal module length

SHORT JOIST MODULE
1.6 ft
Nominal cross-member length

Confirm the joist family, supplied lengths and project cut plan. Pedestal height excludes the cradle, joist, decking and protection layers.

A coordinated foundation for elevated decks.

1 **ADJUSTABLE**
High-strength plastic pedestals set a level walking surface over suitable sloped substrates.

2 **MODULAR ALUMINUM**
Rot-proof joists and matched connections support efficient handling and repeatable assembly.

3 **UNDER-DECK ACCESS**
Preserve space for drainage and permitted services. Plan access with the chosen board system.

TYPICAL APPLICATIONS

Rooftop and podium decks | balconies and terraces | patios and resurfacing | shared amenity spaces
Use only over a suitable load-bearing base, with drainage, waterproofing protection and project-specific design coordinated.

12 MODELS / HEIGHT SELECTION

Select the pedestal height.

Choose a model to suit each planned support location. The ranges below describe pedestal body height, not the completed deck elevation. Product images are not to scale.

MPD01



26-40 mm
Approx. 1.02-1.57 in

MPD02



39-65 mm
Approx. 1.54-2.56 in

MPD03



60-87 mm
Approx. 2.36-3.43 in

MPD04



83-133 mm
Approx. 3.27-5.24 in

MPD05



128-178 mm
Approx. 5.04-7.01 in

MPD-B



160-260 mm
Approx. 6.30-10.24 in

MPD-C



190-320 mm
Approx. 7.48-12.60 in

MPD-E



278-380 mm
Approx. 10.94-14.96 in

MPD-G



355-460 mm
Approx. 13.98-18.11 in

MPD-I



380-550 mm
Approx. 14.96-21.65 in

MPD-J



450-610 mm
Approx. 17.72-24.02 in

MPD-L



500-740 mm
Approx. 19.69-29.13 in

Calculate the complete assembly height.

PEDESTAL RANGE IS NOT FINISHED DECK HEIGHT

Pedestal + cradle / joist + decking + protection / levelling layers

Allow for all selected connection details and site tolerances. Confirm slope-adaptor compatibility, thresholds and available clearance before ordering.

MATCH THE COMPLETE ASSEMBLY

Aluminum joists + connections

Select the joist, pedestal cradle and board fastener as a compatible assembly. Regular decking and ZeroGap use system-specific profiles and fastening details.

MAIN ALUMINUM JOIST



7 ft nominal module

SHORT JOIST + CONNECTOR



1.6 ft nominal module

JOIST CONNECTOR



Matched modular connection

AL05 JOIST PROFILE



ZeroGap aluminum support rail

AL05 PEDESTAL CRADLE



Matched AL05 joist interface

MBS 01 ANGLE ADAPTER



Compatible slope-correction accessory

Images identify components only; they do not establish dimensions, spans or spacing. Confirm the board-family-specific clips and any required restraint accessories.

Project coordination

1. **BASE + DRAINAGE**
   Verify bearing capacity, surface condition and continuous drainage paths.
2. **SPANS + SUPPORT SPACING**
   Set joist spans, pedestal centres and board-support spacing to the approved design.
3. **HEIGHT + MEMBRANE PROTECTION**
   Coordinate total height, thresholds, membrane pads and slope-adaptor details.
4. **RESTRAINT + CODE REVIEW**
   Confirm wind uplift, lateral restraint, loading and fire requirements for the complete deck.

VIEW SYSTEM WEBPAGE
Scan or click to explore

info@neolinecomposites.com

604-716-6661

PRODUCT DATA NOTICE This sheet is not a structural span or load schedule. Request profile dimensions, alloy/finish and current load tables for the selected components. Obtain the applicable written warranty; decking-board coverage should not be assumed to cover the subframe.

Current product details + technical enquiries