

Features & Benefits

- Height adjustable on site without tools.
- Rounded corners and edges reduces likelihood of roof penetration.
- Large surface area spreads the weight of the supported object over a large surface footprint.
- No penetration of the waterproof membrane.
- Self-drains rainwater.
- Rot proof and sunlight resistant.
- Cost effective.
- Supports concentrated loads up to 500 lb. per pedestal.

Specifications

Platform & Base – High Density Polyethylene

Melt index (g/10 min.)	8.2	D1238
Density (g/cm ³)	0.962	D1505
Molded flexural modulus (psi)	220,000	D882
Izod impact, notched, 23°C (ft.-lb./in.)	1.3	D256
Elongation @ break (2"/min.) (psi)	900	D638
Tensile Strength @ yield (2"/m) (psi)	4,500	D638
Vicat softening point (°C)	129	D1525
Hardness (Shore D)	65	D2240
Low temperature brittleness(°C)	<-70	D746
Fire rating	UL94HB	UL

PVC Mat – Recycled Polyvinyl Chloride

Load tested under -35°C to 50°C (-31°F to 122°F) temperature
Plate capacity: 500 lb. (227 kg) (safety factor of 3)
Strut post capacity: 500 lb. (227 kg) without (safety factor of 1.5)
Height range: 6 in. to 9 in. (15 cm to 23 cm)
Overall dimension: 14 x 14 x 6 in. (36 x 36 x 15 cm)
Weight (without accessories): 6.5 lb. (3 kg)

Cat. No. & Components	Description	Qty
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- | | | |
|--|---|---|
| • Adjustable Universal Support (base only): AUS14-96 | | 1 |
| • Riser Kit: AUS-RISER-KIT | | |
| • A1200HS10PG | 14 in. strut | 1 |
| • H104-1/2X10EGC | 12 in. threaded rod | 2 |
| • E145-1/2EGC | Nut | 8 |
| • E147-1/2EGC | Washer | 8 |
| • E148-1/2EGC | Lock Washer | 4 |
| • Bolt Kit: AUS-STRUT-KIT | | |
| • A1200HS10PG | 14 in. strut | 1 |
| • E142-1/2X200EGC | Bolt | 2 |
| • E145-1/2EGC | Nut | 2 |
| • E147-1/2EGC | Washer | 4 |
| • E148-1/2EGC | Lock Washer | 2 |
| • Straps: (choose one of the following) | | |
| • AUS125PCSS6 | 4-1/2 in. stainless steel 316 strap
(to restrain 1-1/4 in. pipe) | 2 |
| • AUS150PCSS6 | 5 in. strap
(to restrain 1-1/2 in. pipe) | 2 |
| • AUS200PCSS6 | 6 in. strap
(to restrain 2 in. pipe) | 2 |

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Superstrut[®]

NEW!

Adjustable Universal Support

Supports building services and access equipment on flat roofs and flat surfaces.

The T&B Adjustable Universal Support (AUS) provides an easy method for supporting pipes, conduit and equipment on flat roofs, below raised floors and even on level ground applications. The AUS reduces installation time compared to other support solutions such as wooden blocks, cement blocks, straps and clips. These labor intensive solutions also increase the danger of roof membrane penetration.

The AUS system also allows for tool free adjustment of the pedestal height from 6 to 9 inches with a twist of the wrist. This ensures that the supported objects or pipes are uniformly supported and no high stress supports are carrying a disproportionate load in a single location.



Each pedestal supports up to 500 lb.!

Thomas & Betts

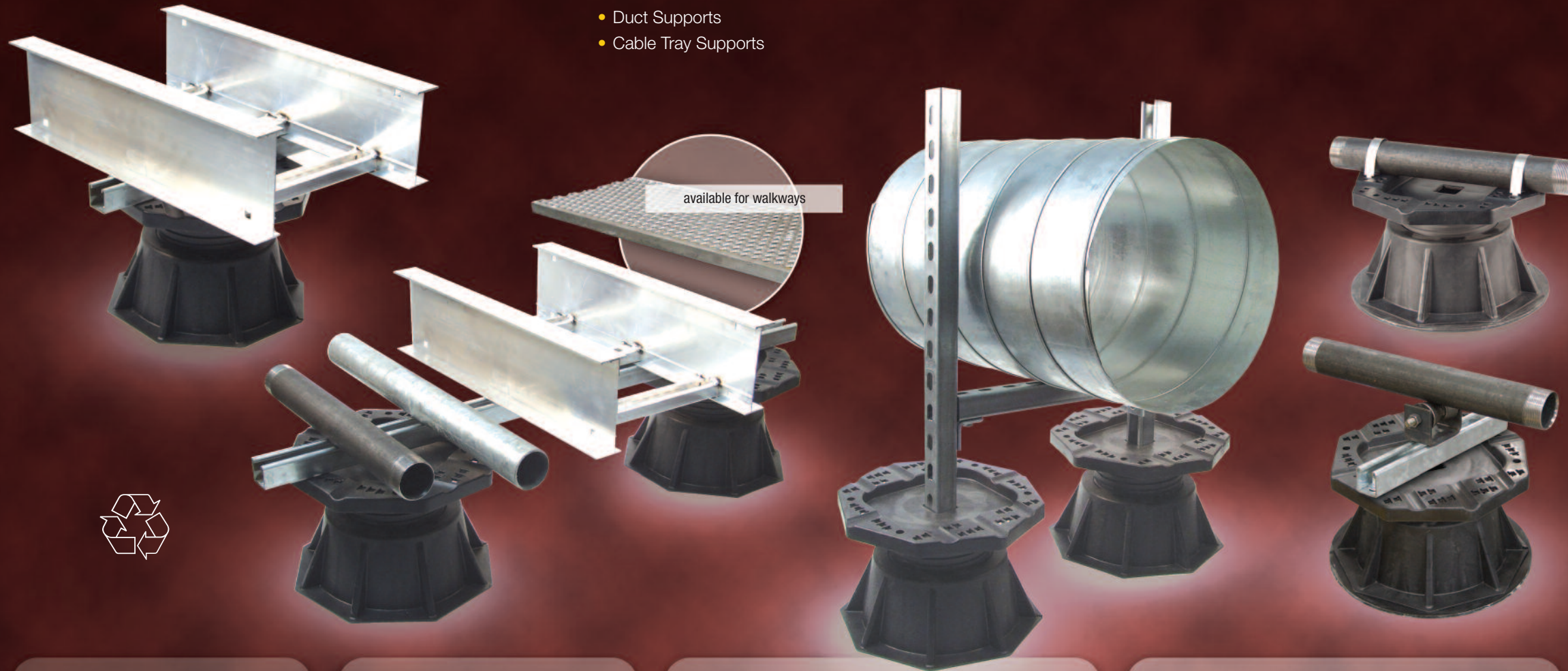
Superstrut®

Adjustable Universal Support

Applications

- Pipe Supports
- HVAC Supports
- Roof Walkway Supports
- Duct Supports
- Cable Tray Supports
- Heat Pumps
- Solar Panels
- Evaporators

For roof loading, consult roofing manufacturer or engineer. As with most commercial roofs, the weakest point may be the insulation board beneath the rubber membrane.



available for walkways



Riser Kit
(See back page for kit content)

Bolt Kit
(See back page for kit content)

Straps
(See back page for kit content)

Pipe Grooves

12 in. Platform

Adjustable Height Jackscrew

Locking Mechanism

Sturdy Jackscrew Base to Distribute Load

Flexible PVC Mat to Eliminate Stress Points

Cable Tray

Single pedestals can accommodate cable tray widths up to 12 inches wide when used with the Bolt kit option. This allows for the use of standard hold-down clamps and guides to ensure that the cable tray is constrained and allowed to expand and contract during seasonal temperature swings.

Bridge

For wider widths of cable tray or to add additional support for items over 14 inches wide, two supports can be used to form a bridge with strut of any length. This also enhances the stability of the support bridge by providing a wider stance which ensures that tip-over situations are eliminated.

The half slot strut is the most user-friendly choice (A1200HS Series).

Structures for HVAC and Process Piping

Structures built with post bases made of AUS are easily constructed due to the vertical center opening which accommodates standard 1-5/8 square strut. Simply insert the desired length of strut into two AUS pedestals and construct the horizontal structure between the vertical posts using standard strut and accessories.

This is the ideal solution for supporting large duct or process piping where support and stability are paramount considerations.

For suggestions on how to construct these structures, please contact T&B with some details of your application.

Pipe Rollers and Tool free Pipe Straps

For applications which require expansion rollers to allow for seasonal expansion and contraction, the AUS system will accommodate most commercially available rollers. T&B offers some of the more commonly used rollers in the Superstrut catalog.

For pipe applications where the pipe is laid directly into the pre-grooved top pedestal of the AUS, the pipe must be constrained but not securely fastened to the pedestal. In order to make this constraint easily and permanent, T&B has developed a line of stainless steel straps which can be hand formed around the pipe on site and inserted into T-Slots formed into the top pedestal. Quick, easy to install, tool free and permanent restraint of the pipe.

The most commonly utilized pipe strap sizes are available to accommodate 1-1/4, 1-1/2 and 2 inch pipe sizes.

