

## AT S5/S6 System: SC-AT-UF-PT S5/6

110-1200mm FFH

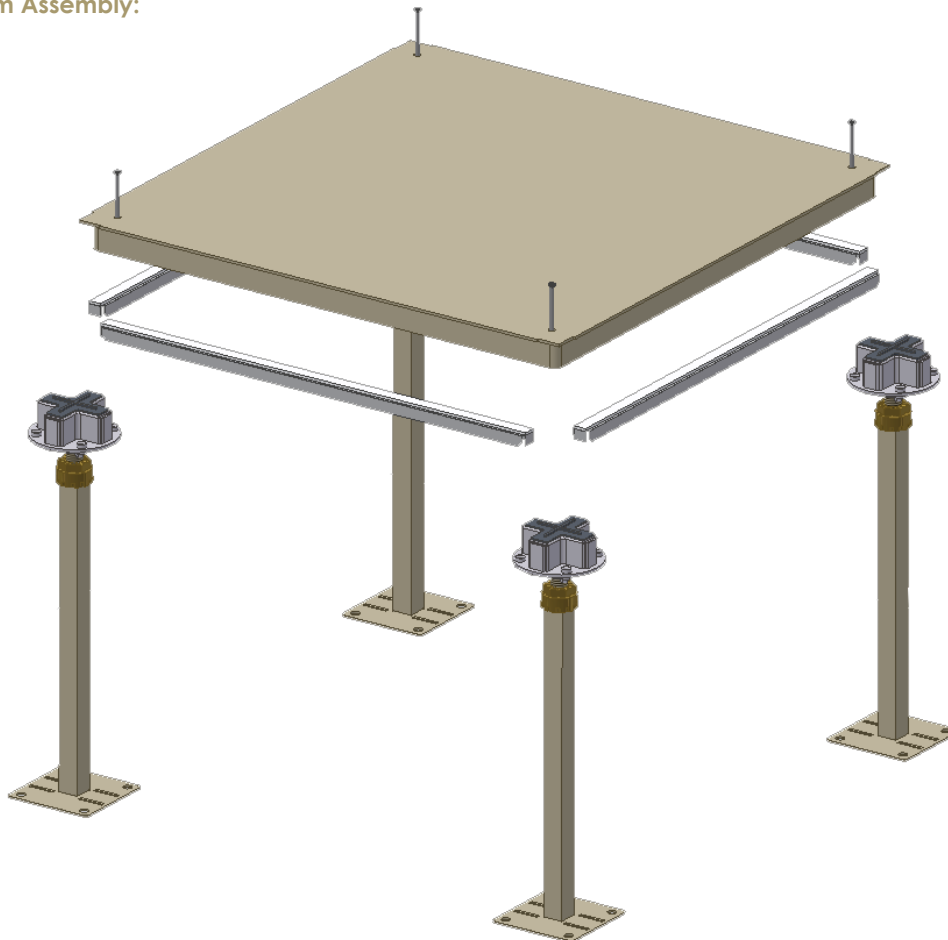
The AT S5/6 system is for applications that require minimal air leakage with a FFH of 110-1200mm.

The pedestal tubes are cut down to the appropriate length and the steel thread rod is adjusted and locked at the desired height.

This system is recommended for:

Applications where the sub floor will be used as a plenum to distribute cooling and heating throughout the buildings which have a minimum air leakage requirement.

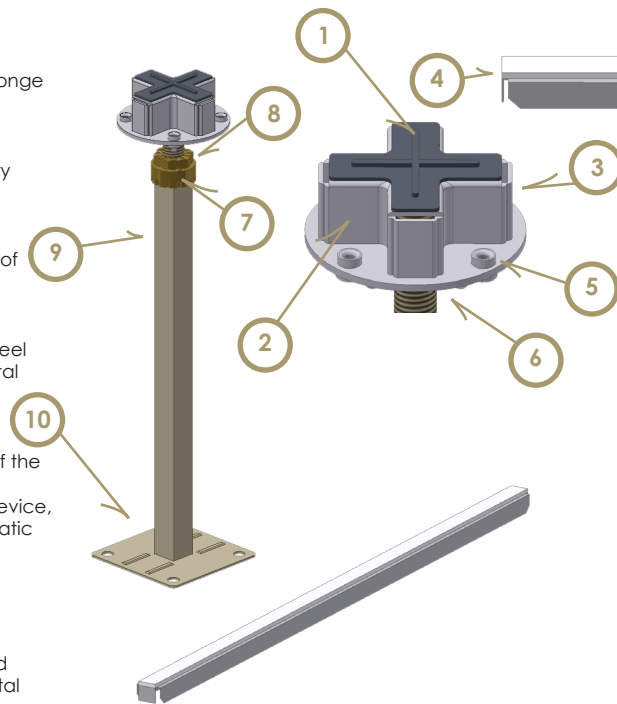
### System Assembly:



## Understructure

### S5 Field Pedestal

1. **Inbuilt Expansion joint gasket**  
This patented inbuilt expansion joint gasket detail ensures that the panels are held 0.3mm apart
2. **Pedestal Head**  
Pedestal Head is die formed aluminium to form a solid support to mount the access floor to
3. **Clip on AT stringer cavity**  
Cavity for AT stringer attachment
4. **AT stringer**  
0.8mm thick aluminium clip on stringer with 3mm sponge rubber
5. **Screw Fix Locator**  
The panel is screw fixed through this locator on every corner
6. **Steel thread rod**  
18mm x 150mm steel thread rod that gives a range of adjustment from 50mm +/- from the FFH
7. **Sound Impact Buffer**  
A sound and impact rubber washer encased in a steel housing pocket intended to eliminate metal on metal sound transfer to the slab
8. **Adjusting and locking nut**  
Adjustment: Nut can adjust to the required length of the steel thread rod  
Locking: Nut has an inbuilt vibration proof locking device, to ensure that once locked the pedestal height is static
9. **Pedestal Tube**  
Provides rigidity and stability to steel thread rod
10. **Pedestal Base**  
100mm x 100mm pedestal base that provides a solid weight bearing platform for the access floor. Pedestal base has 4 fixing holes



### S6 Perimeter Pedestal

1. **Air Tight Stringer Support Gasket**  
Support Gasket allows air tight stringer to continue to perimeters in order to keep air tightness
2. **Pedestal Head and Welded Steel Thread Rod**  
90mm x 90mm steel flat head pedestal designed to provide a solid base for the panel, positioned as perimeter pedestals. A 18mm x 150mm steel thread rod that is welded onto the bottom of the pedestal head with an adjustment range of 50mm +/- from the FFH
3. **Locking Nut**  
Nut has an inbuilt vibration proof locking device, to ensure that once locked the pedestal height is static
4. **Pedestal Tube**  
Pedestal tube provides rigidity and stability to steel thread rod
5. **Pedestal Base**  
100mm x 100mm pedestal base that provides a solid weight bearing platform for the access floor. Pedestal base has 4 fixing holes

