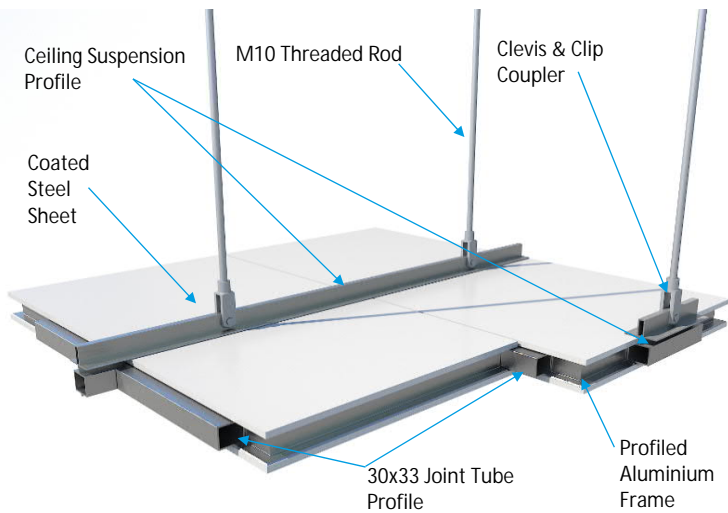


# PE 50 Ceiling System

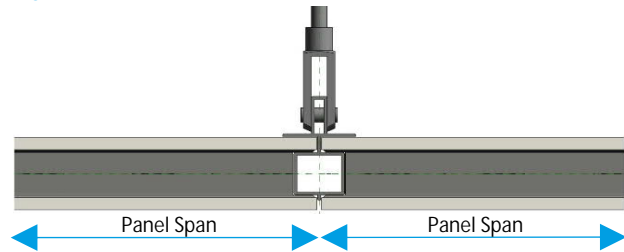
Ref: DS001

Cleanroom walk on ceiling panel comprised of:

- > Two external coated steel sheets with various surface finishes.
- > Bonded to a profiled aluminium frame to four edges.
- > With an aluminium honeycomb or rockwool core.
- > Panel edges profiled to interlock with adjoining panels by inserting a 30x33mm joint tube profile.
- > Panel connected to existing structure via the ceiling suspension profile connected to M10 threaded rod assembly with a clevis and clip coupler.



3D View



Section View

## Panel Characteristics & Performance

- > Panel Thickness: 50mm
- > Thickness of coated steel outer face: 0.6mm
- > Weight: 12kg/m<sup>2</sup> (honeycomb core)  
17kg/m<sup>2</sup> (rockwool core)
- > Fire Classification: A2-s1-d0
- > Maximum Panel Span: 3000mm (rockwool core)  
4000mm (Aluminium Honeycomb Core)
- > Maximum Loading: 1.5kN/m<sup>2</sup> or 0.9kN point load

## Panel Finish Options

Panel Surface Finish Options

- > PET Coated Steel Substrate to RAL 9010 White (TATA Advantica CL Clean) (for silicone joints)
- > uPVC Coated Steel Substrate to RAL 9010 White (TATA Advantica L Control) (for cold weld or silicone joints)
- > uPVC Coated Steel Substrate to RAL 9016 Bright White (Lampre pre-coated) (for cold weld or silicone joints)

For other finishes please contact us

## Panel Core Options

Panel Core Options

- > Rockwool Core (Density 130kg/m<sup>3</sup>)
- > Aluminium Honeycomb Core (Density 20kg/m<sup>3</sup>)

## Packaging

Panels stacked on a wooden pallet max 15 panels high. Max pallet height: 1500mm, Max pallet width: 1280mm. Max pallet length: 3000mm, Protection to the vertical & horizontal corners of the stack. ISPM 15 certified crafting available on request for US market.

## Ordering Options

Aluminium Honeycomb Core Panel						
Panel Size	Panel Finish	PET (RAL9010)		uPVC (RAL9010)		uPVC (RAL 9016)
Order Code						
1200 x 3000		CS_PE50_564405-PET-1200-3000-ALU		CS_PE50_564405-PVCA-1200-3000-ALU		CS_PE50_564405-PVCB-1200-3000-ALU
1200 x 3305		CS_PE50_564405-PET-1200-3305-ALU		CS_PE50_564405-PVCA-1200-3305-ALU		CS_PE50_564405-PVCB-1200-3305-ALU
1200 x 4000		CS_PE50_564405-PET-1200-4000-ALU		CS_PE50_564405-PVCA-1200-4000-ALU		CS_PE50_564405-PVCB-1200-4000-ALU
Rockwool Core Panel						
Panel Size	Panel Finish	PET (RAL9010)		uPVC (RAL9010)		uPVC (RAL 9016)
Order Code						
1200 x 3000		CS_PE50_564305-PET-1200-3000-RW		CS_PE50_564305-PVC-1200-3000-RW		CS_PE50_564305-PVC-1200-3000-RW

Note: Panel coated to one side only, standard backer to other side. For double sided finish or non standard panel size please contact us.

Note: M10 Threaded Rod, Ceiling Suspension Profile, 30x33 Joint Tube Profile, Clevis & Clip Sold Separately.

All information provided in this document is subject to legal disclaimers. It is the sole responsibility of the purchaser to determine the suitability of materials, products and components, in order to ensure that the final end-use product is safe for its end use; performs or functions as intended; and complies with all applicable legal and regulatory requirements.