

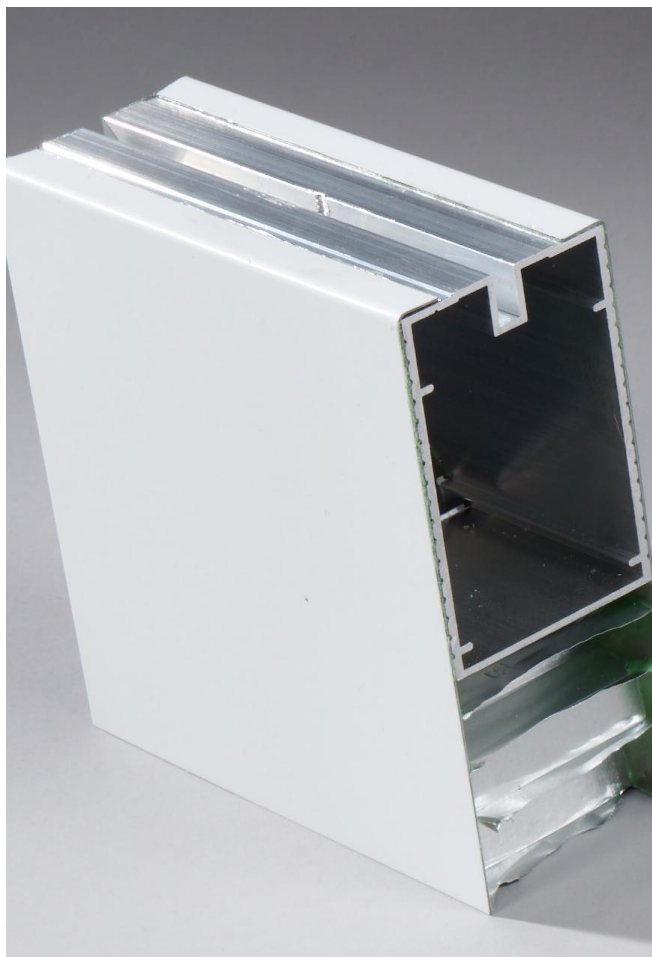


CleanSpaceTM

Specifications & Product Information

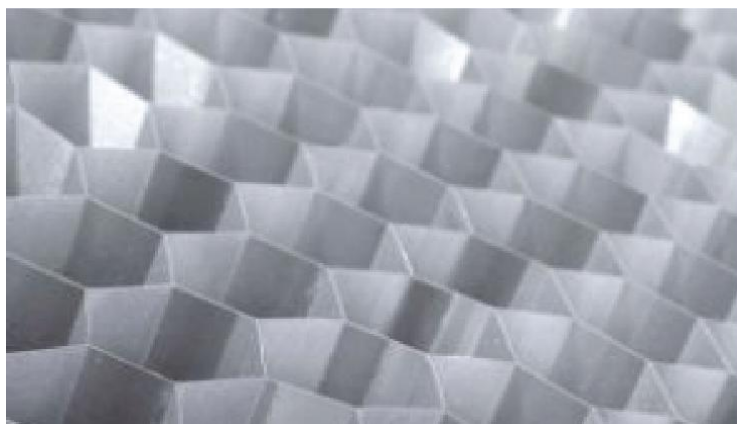
02

Apex Wall™



2" Cleanroom wall panel for our unique system

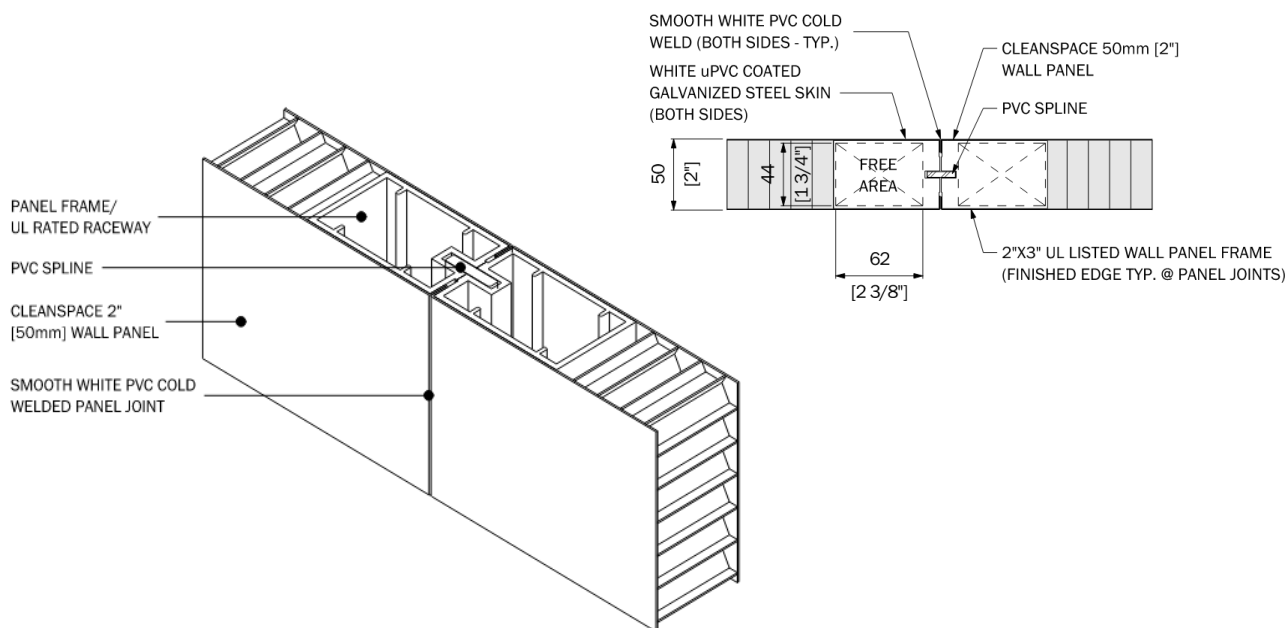
2" aluminum honeycomb core and frame panels are our standard and most popular within the cleanroom panel range. These come with our extensively tested and proven track record uPVC finish and UL rated raceway. With easy installation, this panel provides a high specification solution with an outstanding strength to weight ratio.



*Technical Specifications
on following page*



Apex Wall™ 2" Panel

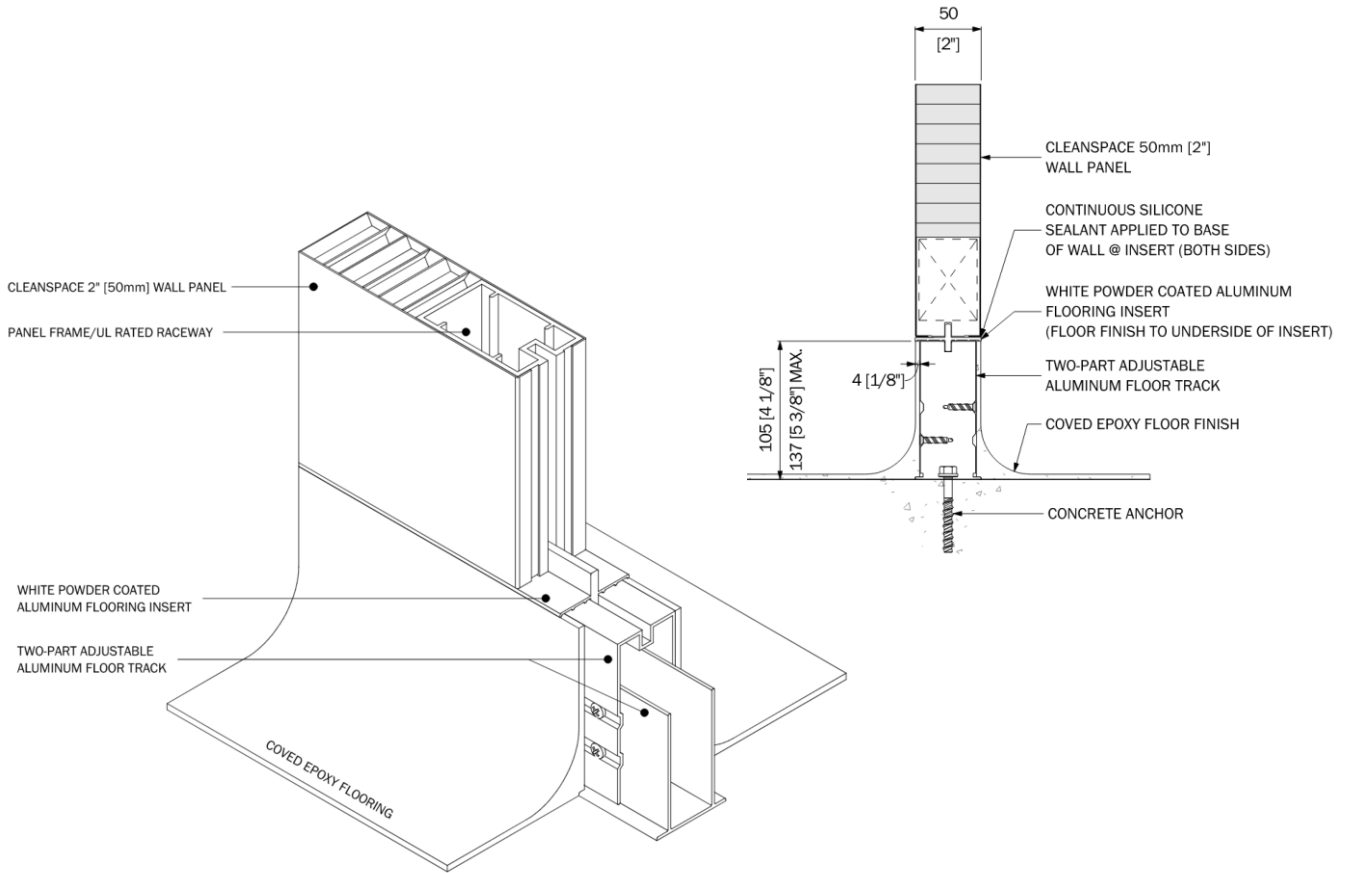


Summary Specification

Thickness	2" (50mm)
Standard Dimensions	Nominal 4' wide (1200mm finished) X varying heights with 9' and 10' stock panels
Maximum Height	13' (3960mm) – Panels can be double or triple stacked for taller wall heights. Horizontal joints are staggered
Core	3/4" aluminum honeycomb
Standard Facing Skin	0.02" (.55mm) steel substrate with white uPVC finish
Optional Steel Finishes	uPVC laminate/polyester/primer painted/P.E.T.
Panel Frame	2"X 3" UL listed aluminum extrusion
Adhesive	2-part solvent free adhesive
Spline	Rigid PVC
Weight	Standard Panel: 105 pounds - 2.6 pounds/sqft
Joint	Standard: Butt joint cold weld – other approved sealants include clear and white silicone

CleanSpace 2" thick modular panels are designed to be a progressive build system, providing quick assembly and tight joint lines achieving a fully flush finish.

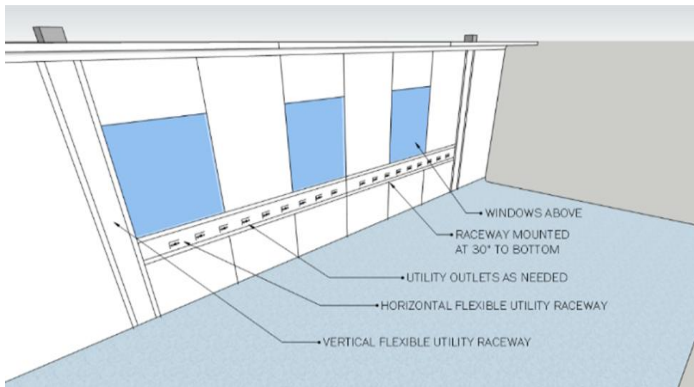
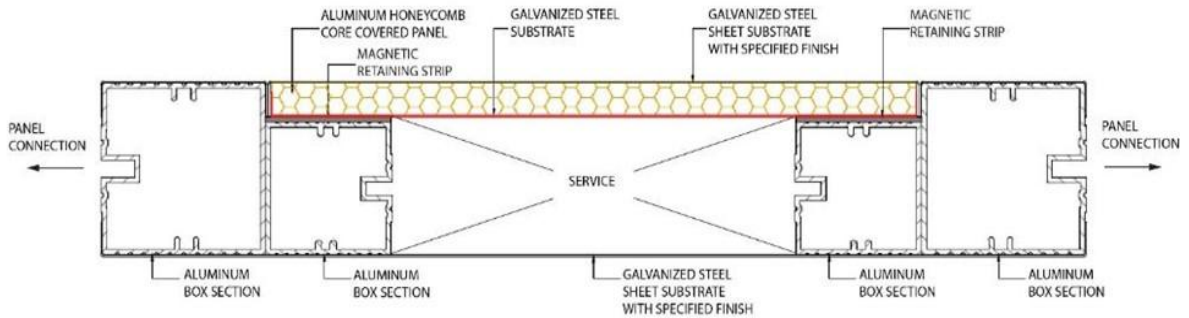
Apex Wall™ Adjustable Floor Track



Summary Specification

Components	2-part adjustable track with flooring insert atop floor plinth. Assembly accepts epoxy and vinyl floor finishes
Dimensions	Adjustable height 4" – 5 3/8"
Material	Aluminum 6063 extrusion, upper and lower tracks. Powder coated aluminum extrusion for flooring insert
Finish	Flush finish between flooring and panel
Sealing	Panel splines into flooring insert atop floor plinth. Panel sealed at insert
Fastening	Base channel fixed directly to slab using suitable concrete anchors. Upper section drilled at 20-inch centers
Accessories	Floor cove formers supplied by flooring suppliers

Apex Wall™ Utility



Summary Specification

Thickness	2" (50mm)
Dimensions	Varies based on order size
Maximum Height	13' (3960mm)
Core	Aluminum honeycomb
Standard Facing Skin	0.02" (.55mm) steel substrate with white uPVC finish
Optional Steel Finishes	uPVC laminate/polyester/primer painted/P.E.T.
Panel Frame	2" x 3" UL listed aluminum extrusion
Adhesive	2-part solvent free adhesive
Spline	Rigid PVC
Weight	Standard Panel: 105 pounds - 2.6 pounds/sqft
Joint	Standard: Butt joint cold weld – other approved sealants include clear and white silicone



***1/2" Cleanroom
lining panel ideal for
infills, columns and
corridors***

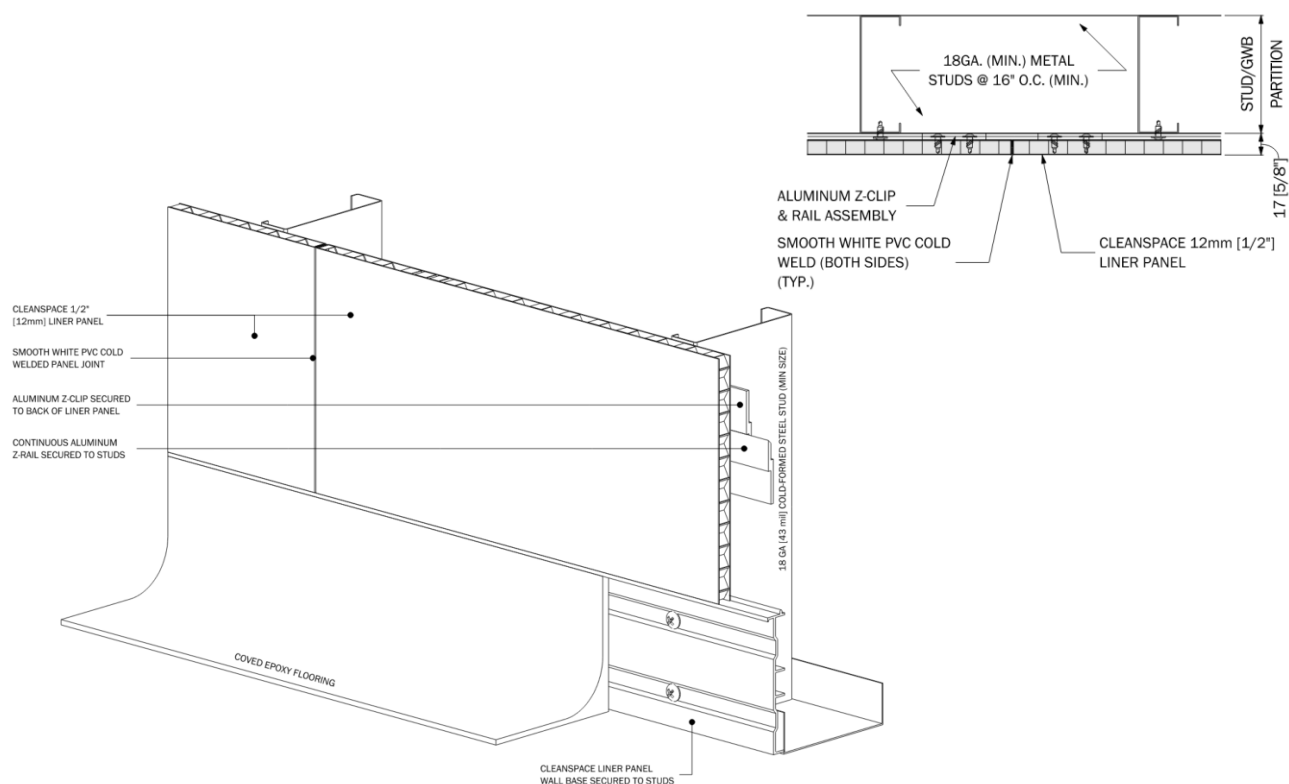
1/2" aluminum honeycomb panels have been specifically designed to be used as cladding to existing walls/columns or to be fitted into a structural framing system. Liners are prefinished with uPVC and can be cold welded for seamless integration in the field.



***Technical Specifications
on following page***



Apex Liner™ Panel 1/2"



Summary Specification

Thickness	1/2" (12mm)
Standard Dimensions	Nominal 4' wide (1200mm finished) X varying heights with 9' and 10' stock panels
Maximum Height	13' (3960mm) – Panels can be double or triple stacked for taller wall heights. Horizontal joints are staggered
Core	3/4" aluminum honeycomb
Standard Facing Skin	0.02" (.55mm) steel substrate with white uPVC finish
Standard Backing Skin (Unseen)	0.02" (.7mm) galvanized steel
Optional Steel Finishes	uPVC laminate/polyester/primer painted/P.E.T.
Adhesive	2-part solvent free adhesive
Hanging Options	Extruded aluminum z-clip and rail assembly on stud partitions
Weight	Approximately 2 lbs/sqft
Joint	Standard: Butt joint cold weld – other approved sealants include clear and white silicone

Apex Wall™ Facing Material

CleanSpace modular panels are designed to be a product that has the benefits of replacing traditional drywall while keeping the design with the superior quality and mold resistance of a nonporous fully flush finish.

Panel Face Skin Options

uPVC (Room-side)	0.5mm galvanized mild steel with a 120μ slightly uPVC facing. Suitable for operating temperatures up to 60°C and achieves Class O Spread of Flame. Withstands most clean down chemicals.
Standard Backer (Top-side)	0.5mm galvanized mild steel with a base coat and 20μ polyester topcoat. Suitable for operating temperatures up to 120°C when used with the 2 pack adhesive system and achieves Class O Spread of Flame.
P.E.T	0.5mm galvanized mild steel with 55μ colaminate coating giving high protection from chemicals and cleaning. Class O Spread of Flame.

Nonstock items but can be sourced for custom applications

Polyester	0.5mm galvanized mild steel with a base coat and 20μ polyester topcoat. Suitable for operating temperatures up to 120°C when used with the 2-pack adhesive system and achieves Class O Spread of Flame.
Prepainted Aluminum	0.8mm aluminum grade 1050 painted with 20μ polyester topcoat. Suitable for operating temperatures up to 120°C when used with the 2-pack adhesive system and achieves Class O Spread of Flame
Stainless Steel	0.7mm 304 or 316 dp 1 brushed finish or 2b mill finished. Suitable for operating temperatures up to 250°F (120°C) when used with the 2-pack adhesive system and achieves Class O Spread of Flame.

Panel Core

Aluminum honeycomb 3003 grade 40μ foil perforated and chromated to prevent galvanic corrosion.