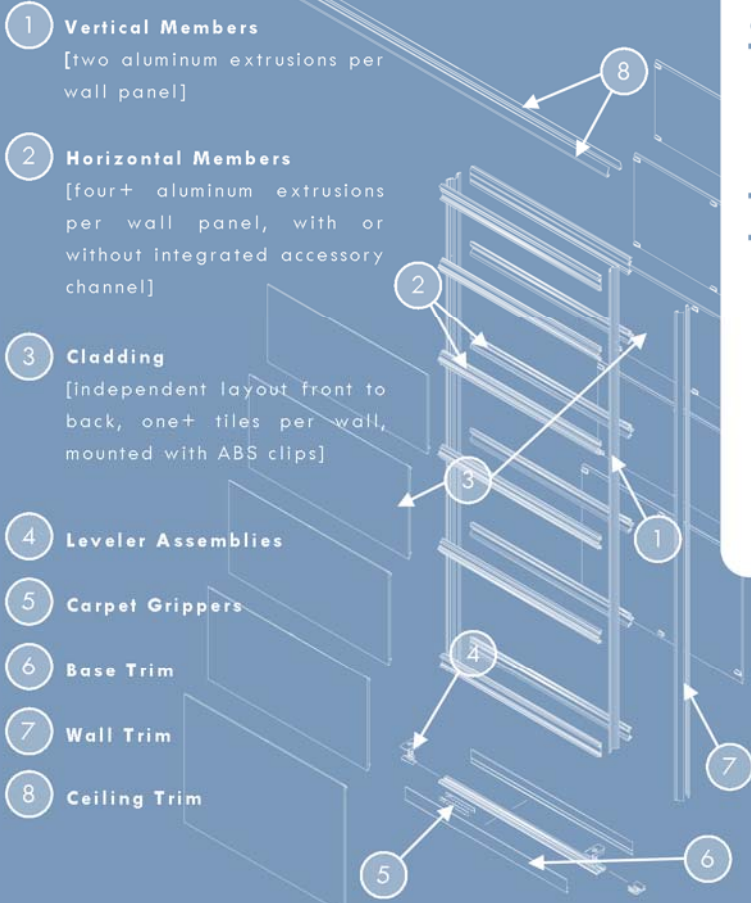




DIRTT MOVABLE SOLID WALLS are full-height, reconfigurable walls clad with veneer, fabric or LPL skins, able to support furniture and provide power & data management.

The DIRTT Movable Solid Wall provides agility with personalized aesthetics, privacy and technology integration. Walls connect and release through carpet grippers and ceiling track clips without damaging the base building.

Cladding placement is not dictated by the understructure aluminum frame. Tiles can span off-module in segments or monoliths, vertically and horizontally. Integrated accessory channels are designed into the structural frame allowing for accessible power & data, slatwall accessories, storage and furniture component bearing.



- 1 **Vertical Members**
[two aluminum extrusions per wall panel]
- 2 **Horizontal Members**
[four+ aluminum extrusions per wall panel, with or without integrated accessory channel]
- 3 **Cladding**
[independent layout front to back, one+ tiles per wall, mounted with ABS clips]
- 4 **Leveler Assemblies**
- 5 **Carpet Grippers**
- 6 **Base Trim**
- 7 **Wall Trim**
- 8 **Ceiling Trim**

movable solid wall

component materials

dimensions/details

Aluminum Extrusions

- Aluminum Alloys
 - 6063-T54
 - 6061-T6
- Aluminum Finish Options
 - Clear Anodized (5 micron standard)
 - Powder Coated
 - Veneer Wrapped
 - Custom as required

PVC Components

- Connection Zippers
 - Rigid PVC
- Ceiling Trim/Wall Start
 - Rigid/Flex Co-extrusion
- PVC Color Options
 - Black
 - Charcoal
 - Silver
 - Custom as required

ABS Components

- Panel Clip Extrusion
 - Lustran 552

Cladding Components

- Veneer Tiles (1/2")
 - MDF Core
 - Water-Based Finishes
 - UV Cured
 - Veneer Edging All Edges
- LPL Tiles (1/2")
 - PVC Edging or Painted Edges
- Thermofoil Tiles (1/2")
 - Thermofoil Vacuum-Wrapped on MDF Core
- Fabric Wrapped Tiles
 - MDF or Tackable Substrate
- Finished MDF Tiles (1/2")
 - Painted or Powder Coated
- Back Painted Glass
- Whiteboard
- Customs as required

Leveler Components

- Zinc-plated steel components
- 12 Gauge CRS for sheet metal components
- Double-threaded drive collar

Optional Components

- Front-Projection Material Cladding
- Integrated Rear-Projection Screen and System

Wall Panel

- Standard Depth 4"
- Standard Ceiling Height Up to 10'0"
- Standard Panel Width Up to 5'0"
- Height Adjustment 1 5/8" total travel

Panel Connections

- Visible Zipper For on-module cladding
- Hidden Zipper For off-module or butt-jointed cladding
- Angled/Pivot Zipper For angled & corner connections

Corner Conditions

- Angled/Pivot Zipper
- Aluminum Connection Posts
 - 2 Way
 - 3 Way
 - 4Way

End Conditions

- Vertical Post Cap With or without astragal channel (for pivot door)

Horizontal Extrusions

- Load Bearing Supports worksurfaces, storage, etc.
- Skin Bearing Supports cladding

Trim Components

- Ceiling Trim Flexible trim from top of wall to ceiling
- Wall Trim Flexible trim from end of wall to existing structure or perpendicular wall panel
- Base Trim Solid, discreet trim from bottom of cladding to floor
- Insulation Long filament fibers, recycled material

Floor Track

- Continuous track can be manufactured on-module or off-module. Contains channel for carpet grippers or anti skid pads.

Power & Data Management

- Cladding can be specified pre-milled

Adjacent Door Frames

- Pivot Door – solid, core or glass w/ aluminum frame
- Barn Door – solid, core or glass w/ aluminum frame

test results

- Traverse Load Test ASTM E-72
 - Passed IBC Code 2003 - Section 1607.13
- Flame Spread Test ASTM E-84-03a
 - Passed IBC Code Class B
- STC Rating of 44 per ASTM E-90-97