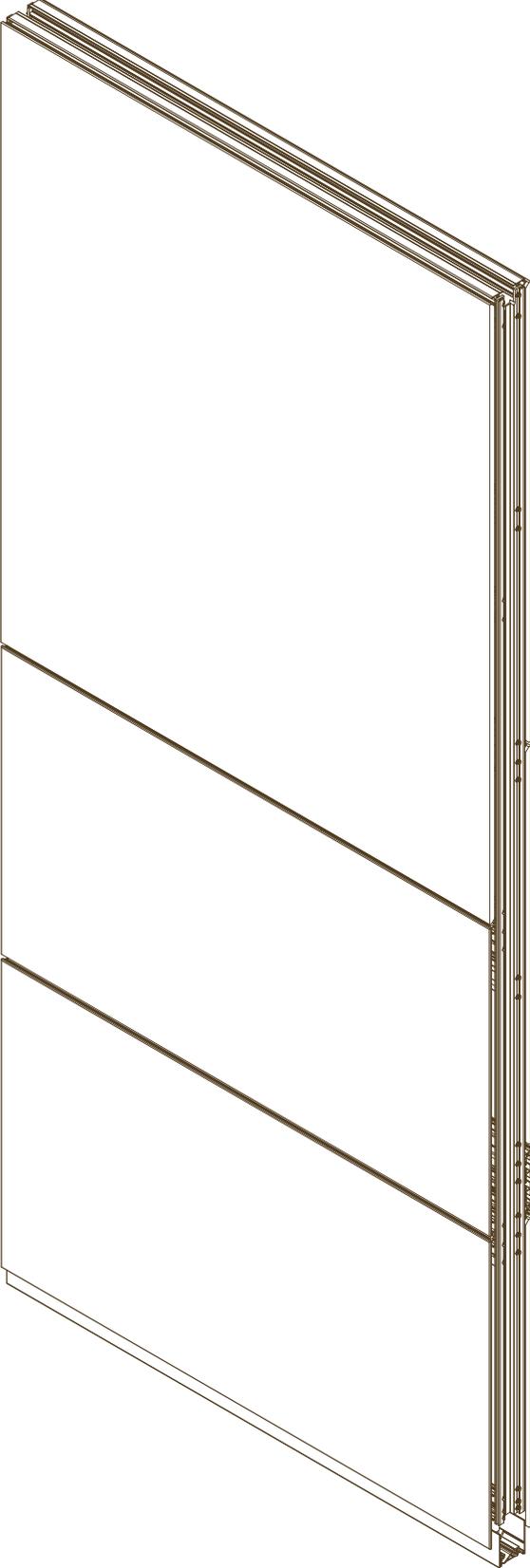


# OVERVIEW - TECH SHEET

## FACE TILED WALL



## COMPONENTS & MATERIALS

### Aluminum Extrusions

Architectural Grade and Structural Aluminum Alloys  
Vertical & Horizontal Extrusions, Base Track

### Horizontal Sections

Partially exposed Horizontal Support Member for dividing tiles and hanging components; heights user defined.  
Hidden Horizontal Member for additional support of face mounted tiles; heights user defined as required.

### Insulation

1" (25mm) Thick Fiber Glass – Formaldehyde-free, factory installed in frame. Base Insulation to be field installed in base cavity prior to base trim or scribed tiles.

### Base Track

Aluminum Base Track  
Steel Leveler Assembly with vertical adjustment  
Carpet Grippers  
Optional Two Sided Tape for hard flooring  
Optional Seismic Base Track  
Optional Low Profile Base

### Base Trim

PVC Base Trim  
Santoprene Base Trim  
Oversized Solid Tiles scribed to floor on site

### Face Mount Tile Options

Chroma-coat (painted) Tiles  
Wood Veneer on MDF Tiles  
Magnetic Whiteboard  
Dry Erase Colored Film on MDF Tiles  
Fabric Applied Tiles  
Frameless Back Painted Glass  
Slat Wall  
DIRTT Approved Custom Finishes

### PVC Components

Frame Connections	Rigid/Flex Co-extrusion
Ceiling Trim/Wall Start	Rigid/Flex Co-extrusion
PVC Color Options	Black ,Charcoal, Silver, Custom as required

## DIMENSIONS & DETAILS

### Frame

Standard Frame Depth	4" (102mm) with Tiles
Minimum Module Width	6" (152mm)
Maximum Module Width	48" (1219mm)
Standard Ceiling Height	Up to 120" (3048mm)*
Vertical Height Adjustment	
Standard Base	- 5/8" (16mm) and +1 5/8" (42mm)

*\*Wall Heights above 120" (3048mm) must be validated by DIRTT to confirm walls do not exceed the maximum allowable deflection per IBC.*

### Frame Connections

Hidden Links	Frame alignment and gap control
Visible PVC Zipper	At frame connection between frames

### Trim Components

Ceiling Trim	Flexible trim from top of wall to ceiling
Wall Trim	Rigid connection from Frame to Base Building; combined with flexible Wall Trim

### Other Component Connections to Solid Walls

Glass Panels  
Door Frames  
Corner Connectors  
Various Base Building Connections  
Modular Electrical  
Conventional Electrical

### Other Options

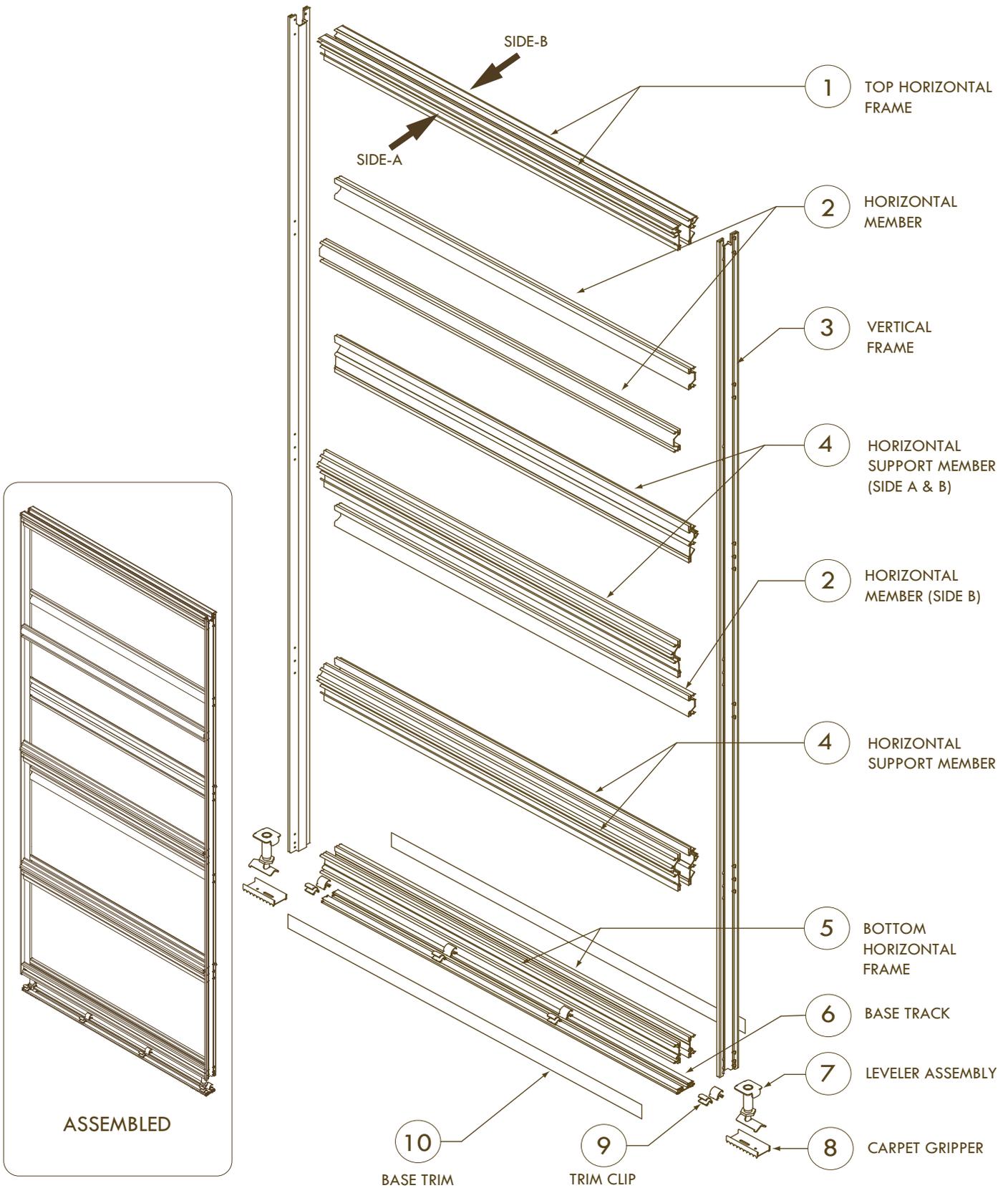
Stacked Wall	Combined Panel with Glass Wall
Curtain Wall	Installed in front of Base Building Wall Tiled one side only
Low Wall	
Cornice Height Wall	
Center Steel Septum	
Mitered Corner Butt Joint	
Aluminum Base Trim	
Siesmic	
Enhanced STC Performance	
DIRTT Approved Custom Solutions	

## TESTING & APPROVALS

ICC-ES Evaluation Report	ESR-1947
ANSI/BIFMA	X5.6-2003
Traverse Load	ASTM E72
Flame Spread	ASTM E84
STC Rating 37-50 (Dependent on wall construction)	ASTM E90
QPS UL/CSA Level 3, Office Electrical	LPCE-75090-1
Los Angeles Research Report (Seismic)	LARR-25604
OSHPD	OPA-2275-07
Seismic Engineering Calculations	
Seismic Engineering Details	

**Testing Reports, Details and Approvals are available upon request.**

# ISOMETRIC/WALL STRUCTURE



# ISOMETRIC/WALL PANEL

