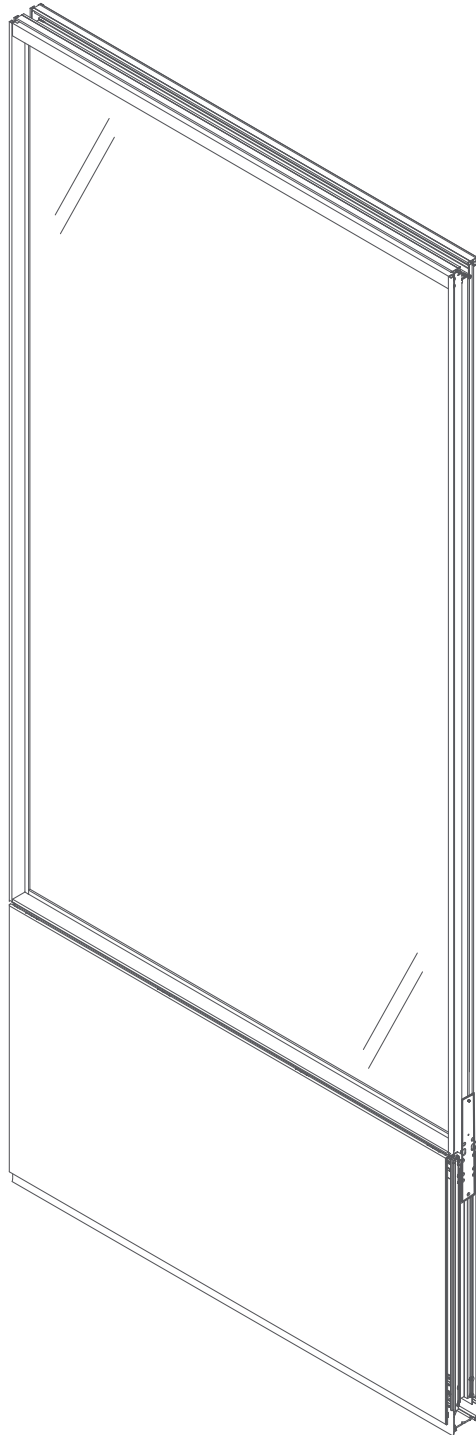


TECH SHEET

COMBINATION WALL

build better™
DIRTT



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

BASE TRIM

Santoprene Base Trim
Oversized Solid Tiles scribed to floor on site

FACE MOUNT TILE OPTIONS

Chromacoat (painted) Tiles
Wood Veneer on MDF Tiles
Willow® Glass on MDF Tiles
Micro Perforated Wood Veneer on MDF Tiles
Magnetic Marker Board Tiles
Marker Board Tiles
Fabric Tiles
Frameless Back Painted Glass Tiles
Slat Wall Tiles (Accessory Rail)
DIRTT Approved Custom Finishes

CENTER MOUNT TILE OPTIONS

Glass in 1/4" (6mm) and 3/8" (10mm) thickness
Clear Tempered Glass
Etched Glass
Laminated Glass
Berman Glass
Back Painted Glass
Chromacoat (painted) Tiles
Veneer Tiles
Marker Board Tiles
Fabric Tiles
DIRTT Approved Custom Finishes

PVC COMPONENTS

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

ELECTRICAL COMPONENTS

120/208V 20A (15A Canada)
Maximum of 24 Wall Boxes per Frame

UL/CSA Listed Wall Boxes and Devices

Level 3 Wall Boxes

Level 4 Wall Boxes

UL/CSA Listed AC/MC Cable

Connect to Splitters, Extender Cables,
Express Lines, Whips, Zone Boxes in
Ceiling or Wall

DIMENSIONS & DETAILS

FRAME

Standard Wall Thickness	4" (102mm) with Tiles
Minimum Module Width	6" (152mm)
Maximum Module Width	48" (1219mm)
Standard Ceiling Height	Up to 120" (3048mm)*
Vertical Height Adjustment	V2 Base -3/8" (-9.5mm) and +2 5/8" (+67mm)

**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

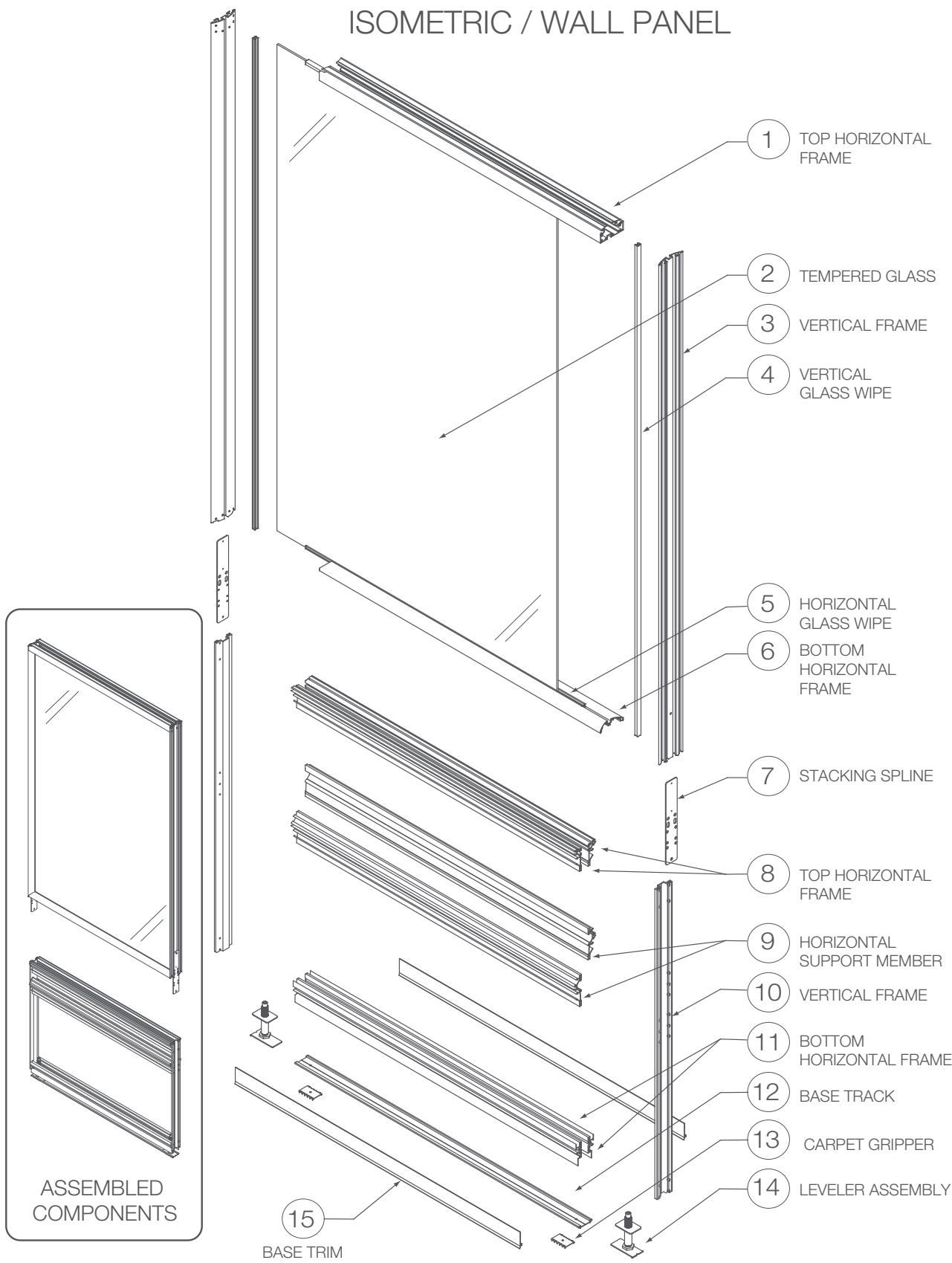
Stacking Configurations	Glass over Solid Solid over Glass Glass over Solid over Glass Solid over Glass over Solid Glass Segment spanning multiple solid frames
-------------------------	--

Low Wall
Cornice Height Wall
Center Steel Septum
Mitered Corner Joint
Extended Levelers for additional leveling capability
Seismic
DIRTT Approved Custom Solutions (Bespoke)
NAUF MDF
Fire Retardant MDF

TESTING & APPROVALS

QPS UL/CSA Level 3, Office Electrical LPCE-75090-1
Los Angeles Research Report (Seismic) LARR-25604
Seismic Engineering Calculations
Seismic Engineering Details

Testing Reports, Details and Approvals are available upon request.



ISOMETRIC / WALL PANEL

