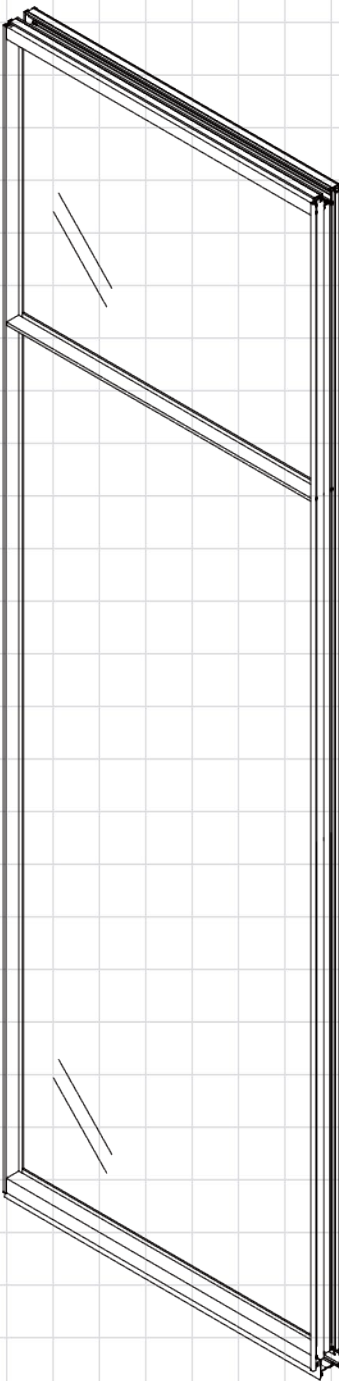


Center Mount Glass Wall

Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys

Vertical and Horizontal Extrusions, Base Track

Frame Profiles

Classic

Rectilinear, Curvilinear and Blade

Center mount and double pane

Enzo

Rectilinear, Curvilinear and Blade

Center mount, center mount coplanar and double pane

Aluminum Finish Options

Veneer (excluding Enzo coplanar, Blade, and Double-Pane Glass Wall)

Clear anodized

Powder coated

NOTE: Any color choice or custom finishes available. See [DIRTT.com](https://www.dirtt.com) for more details.

Intermediate Horizontal Sections

Exposed horizontal members (muntins) for dividing and supporting center mount or double-pane glass.

Both single-pane and double-pane glass panels are secured within PVC glass wipes and positioned in the grooves of the horizontal muntins.

Horizontal members' heights are user defined.

Base Track

Options

Carpet grippers

Two-sided tape for hard floors

Structural Base Track Anchored to Floor (Seismic)

Low-Profile Base Track

LEVELERS

Steel leveler assembly with vertical adjustment

Extended Levelers for additional leveling capability

CENTER MOUNT AND DOUBLE-PANE (EVIL TWIN) GLASS OPTIONS

Glass Thickness

Glass in $\frac{1}{4}$ " (6mm), $\frac{3}{8}$ " (10mm) and $\frac{1}{2}$ " (12mm)

Glass Options

COM Glass

Tempered Glass

Clear and Starphire® (Low Iron)

Laminated Glass (6mm and 10mm only)

Clear, Mist or Cloud

see [Laminated Finish Options](#)

Center-Painted Laminated Glass (6mm and 10mm only)

$\frac{1}{4}$ " (6mm) = $\frac{1}{8}$ " (3mm) glass + paint + $\frac{1}{8}$ " (3mm) glass

$\frac{3}{8}$ " (10mm) = $\frac{3}{16}$ " (5mm) glass + paint + $\frac{3}{16}$ " (5mm) glass

Clear + Color

Custom Glass

Etched Glass—Haze

INSULATION

1" (25mm) thick x 4" (102mm) tall insulation installed on-site in frame base and header cavity before trim.

BASE TRIM

Santoprene

Color Options

Silver or Black

PVC COMPONENTS

PVC color options

Silver or Black

Ceiling Trim

Rigid/flexible co-extrusion connection from top of wall to ceiling

Wall Trim

Rigid/flex co-extrusion connection from frame to base building combined with flexible wall trim

FRAME CONNECTION COMPONENTS

Hidden Ziggy Links

Frame connection, alignment, and gap control

Discrete PVC Zippers

At frame connections between frames



DIMENSIONS + DETAILS

FRAME

Standard Wall Thickness	4" (102 mm)
Minimum (min.) module frame width	6" (152 mm)
Maximum (max.) module frame width	60" (1.52m)
Standard ceiling height	Up to 144" (3.66m)
Vertical height adjustability range	1 ½" (38mm)

NOTE: Frame assemblies exceeding 60" (1.52m) in width or 144" (3.66m) in height, or both, must be validated by DIRTT to confirm walls do not exceed the maximum allowable deflection per International Building Code (IBC). For detailed specifications, consult the [Modular DIRTT Glass Wall Structural Design Calc Report #1505002](#).

LEVELER

Vertical height adjustability	
Non-seismic and seismic glass wall leveler	
Min. AFF to bottom of frame	5⁄8" (16mm)
Max. AFF to bottom of frame	2 1⁄8" (54mm)
Glass wall leveler with extended drive collar	
Min. AFF to bottom of frame	2 1⁄8" (54mm)
Max. AFF to bottom of frame	3 5⁄8" (92mm)

NOTE: Extended drive collar may vary from standard pricing.

OTHER OPTIONS

- Angled Walls
- Mondrian
- Max. Module Frame Width 60" (152mm)

WALL TRANSITION CONNECTION OPTIONS

- Solid 4" and 6" frames
- Stacked and combination walls
- Stick-built walls
 - Multiple butt joints
 - Multiple horizontal breaks
 - Glass spandrel details
 - Various corner connections
 - Curved Glass Corners
- Inspire transition post
- Various transition post options
- Various base building connections
- Door frames and glass transom over door
- Cornice
- DIRTT-approved custom solutions

TESTING AND APPROVAL

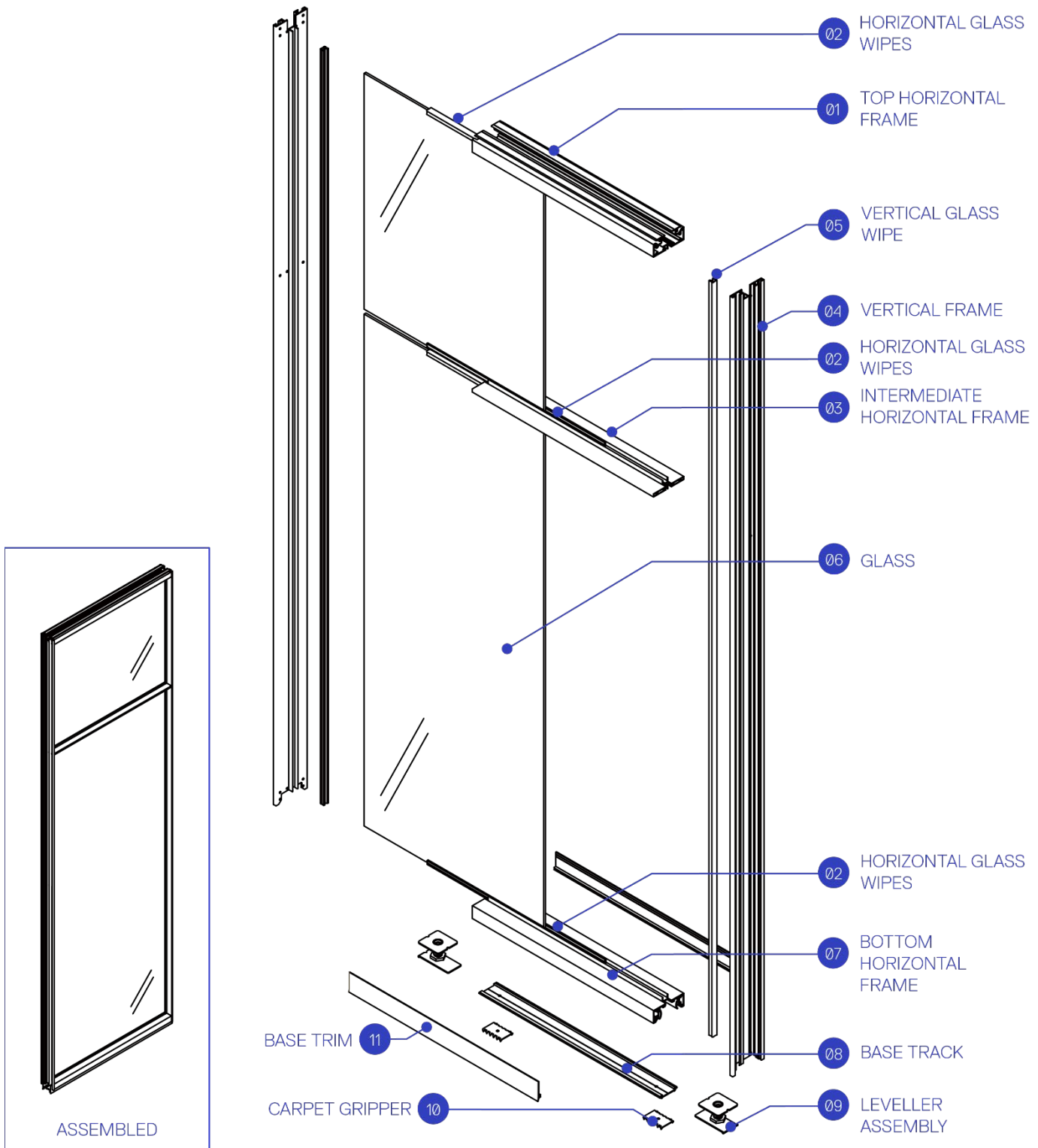
- ASTM E72** "Standard test methods of conducting strength tests of panels for building construction"
 - Seismic
 - Seismic engineering [calculations](#)
 - Seismic engineering [details](#)

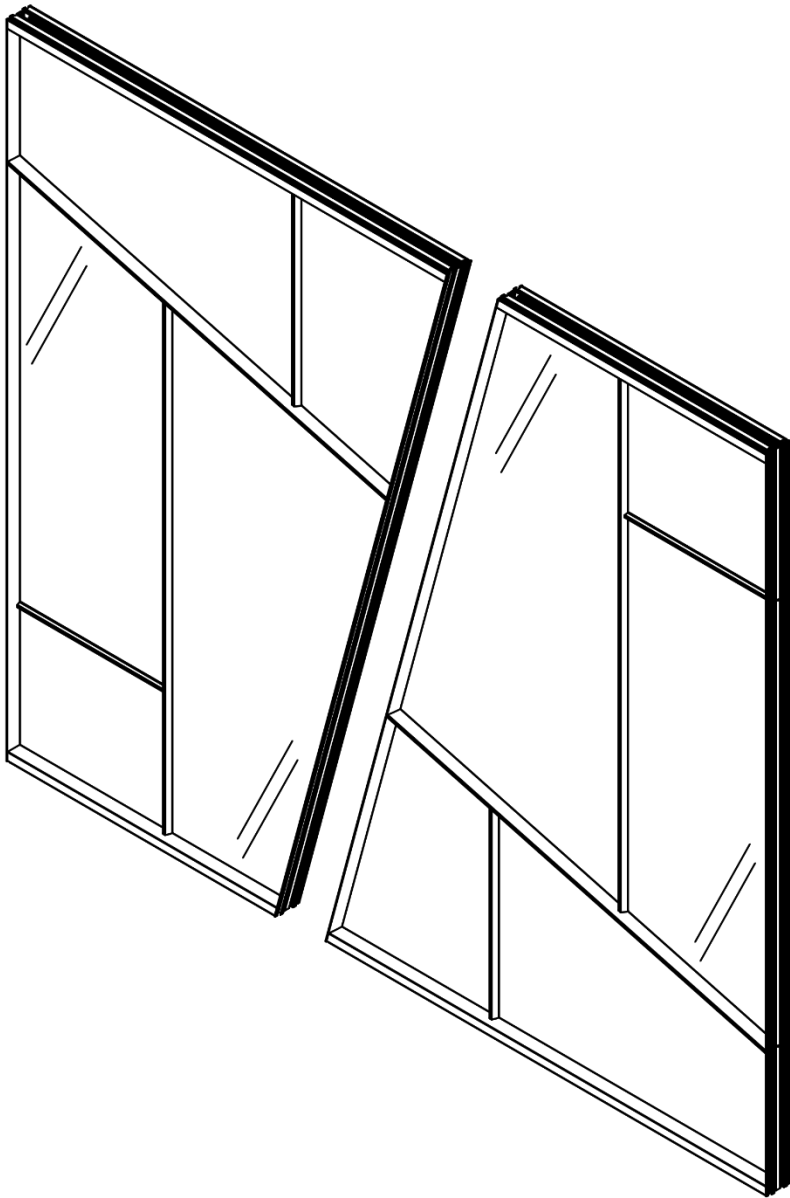
NOTE: Testing reports, details and approvals are available upon request.



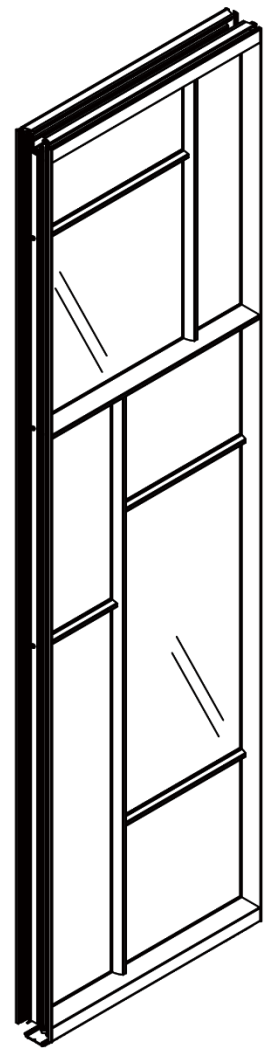
CENTER MOUNT GLASS WALL

ISOMETRIC VIEW





ANGLED



MONDRIAN