

solidSTACKWALL



“ a simple white backdrop accentuates sophistication
 ... solidSTACKWALL creates seamless integration between spaces.



Specifications

solidSTACKWALL (STAK-SD)

Top-hung, fully-framed glass panels that provide increased acoustic privacy performance and travel individually along an upper track and stack and store into a pre-designated parking area. Top tracks can be concealed into the ceiling for minimal look with the advantage of glass panels completely disappear from the opening or be left exposed.

APPLICATIONS —

Space division between offices, conference rooms or flex-spaces.

CONFIGURATIONS —

Stacking MDF + HPL panels, Straight runs, corner applications and fixed panels for wide openings.

MDF + HPL FINISHES —

- HPL Colors
- HPL Wood Finishes
- HPL Colored Textures
- HPL Metallic
- HPL Textures/Patterns/Fabrics

HARDWARE DIMENSIONS —

HPL Panel Thickness: 4-3/16", 4-5/16", 4-15/16"

HARDWARE MATERIALS/FINISHES —

Refer to Finish Chart for standard colors
Satin anodized aluminum and selection of RAL colors

PANEL WIDTHS (OVERALL MAXIMUM)—

Glass/MDF: Maximum 47-1/4".
Maximum run lengths (operable or fixed panels):
Unlimited.

PANEL HEIGHTS (OPAQUE PANEL MAX. HEIGHTS) —

- Type 100: 137-3/4" (MDF+HPL)
- Type 800: 255-15/16" (MDF+HPL)
- Type 1000: 255-15/16" (MDF+HPL)

MOUNTING/ANCHORING —

CARVART offers several types of structural suspension assemblies and coordination services to advise on best practices for supporting the wall system.

WEIGHT & STRUCTURAL LOADS —

Panels range in weight from 10lbs - 16lbs per square foot.

Weight is dependent on panel type, glass type and specified acoustic insulation. Consult CARVART pre-construction team for project specific weights and loads.

ACOUSTIC PROPERTIES —

- MDF + HPL: 55dB [Rw] (for 4-3/16", and 4-5/16" panels)
- MDF + HPL: 57dB [Rw] (for 4-15/16" panels)

ADD-ON DESIGN OPTIONS —

- Multi-directional/corner/angled configurations
- Top-structure/suspension system available on request
- Range of acoustic isolation levels
- Single and double doors

CUSTOMIZATION —

All opening sizes, finishes, configurations and panels types are custom per project.

VALUE-ADDED BENEFITS

- Wide-range of acoustic and privacy options, seam details and panel connections
- Minimal look with thin, aluminum profiles
- Optional pre-engineered top structure support solution for taller spaces above finish ceiling
- System durability and long-term integrity
- Turnkey integrated project services

INSTALLATION

System is top-hung and requires trained industry professional to ensure installation meets quality and safety standards.

Top supporting suspension structure provided by CARVART is pre-engineered and anchoring and connections to structure/substrate must be coordinated by structural engineer. All panels come pre-assembled. Top track and structure above system must be cut-to-size on site and assembled. CARVART offers on-site and remote training for all installers new to the product or requiring a refresher.

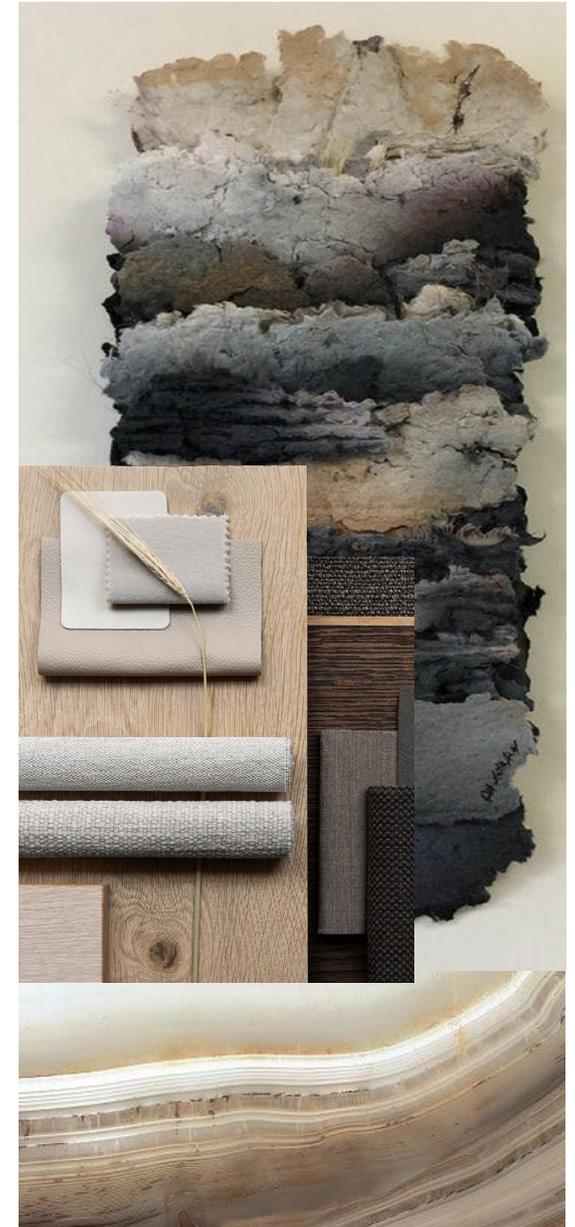
Certain glass and hardware components/finishes are only available as "knock-down" products and require site-assembly. Consult a CARVART agent for information on available pre-assembled components.

HARDWARE WARRANTY

1-year limited warranty.

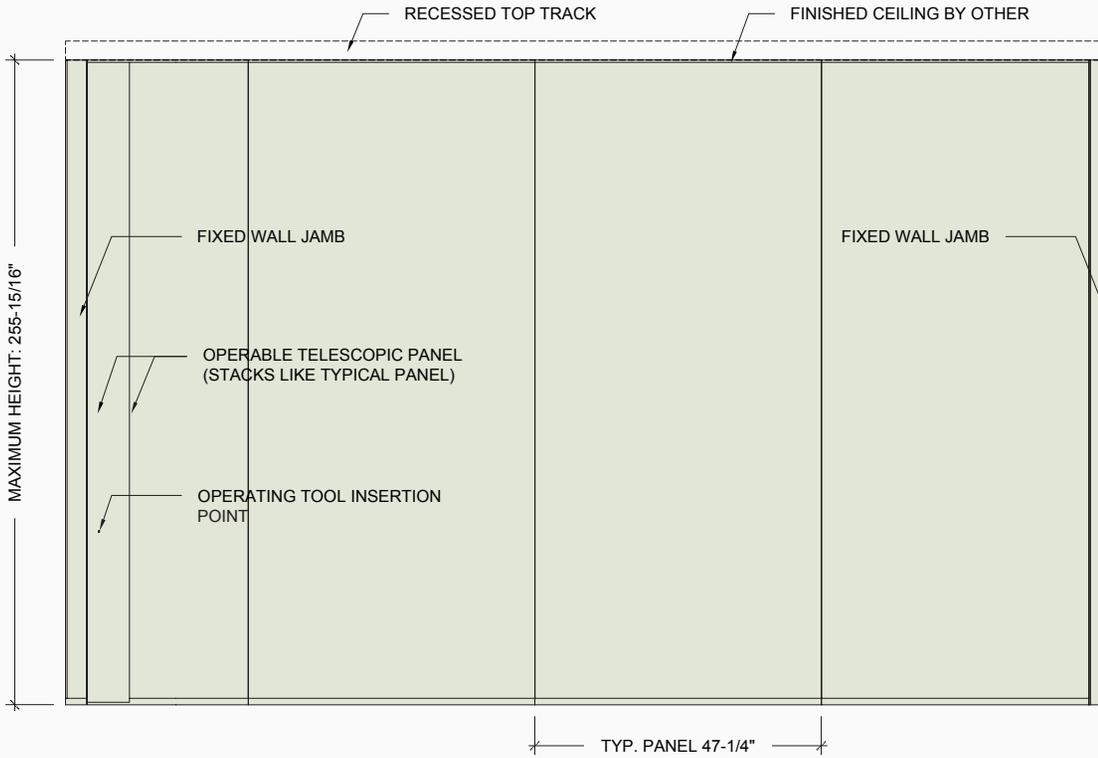
For more info, contact CARVART Sales Advisory Team at quotes@carvart.com or call us at 212 675 0030.

“ warm natural textures create an inviting and open feel
 . . . organic touches on solidSTACKWALL compliments subtle depths.

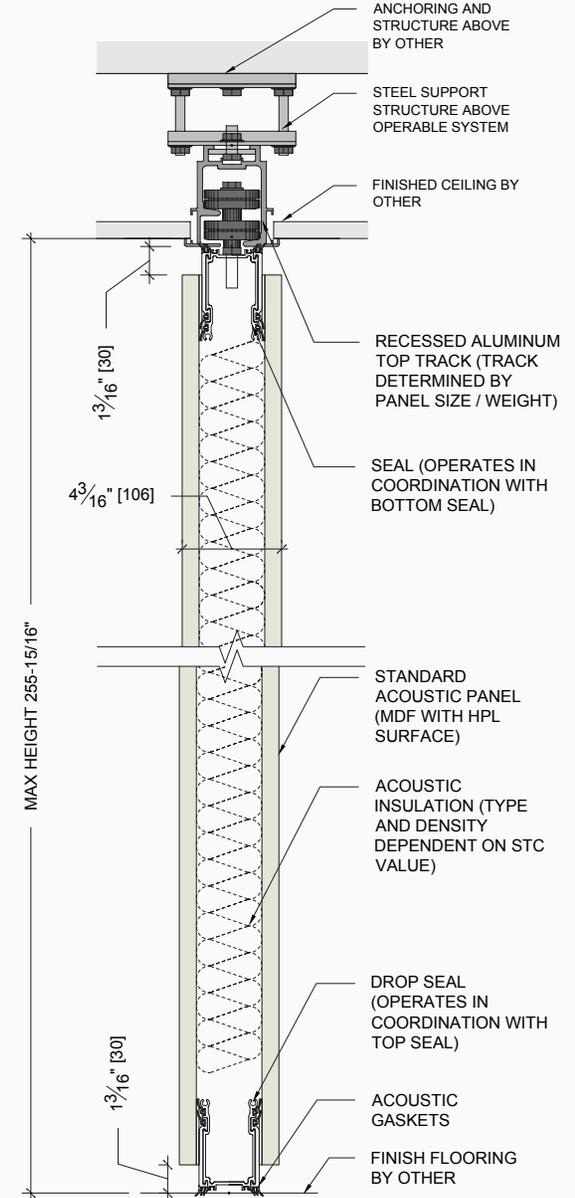


Details

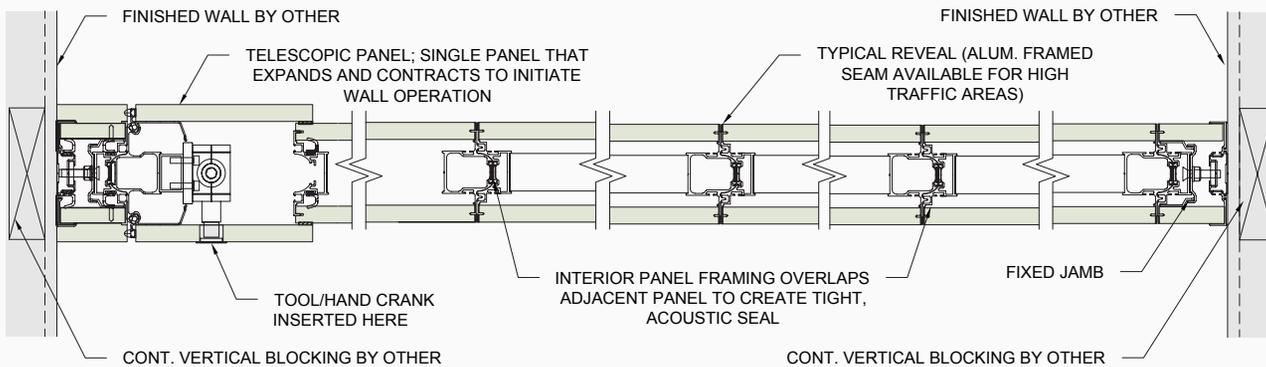
TYPICAL FRONT ELEVATION



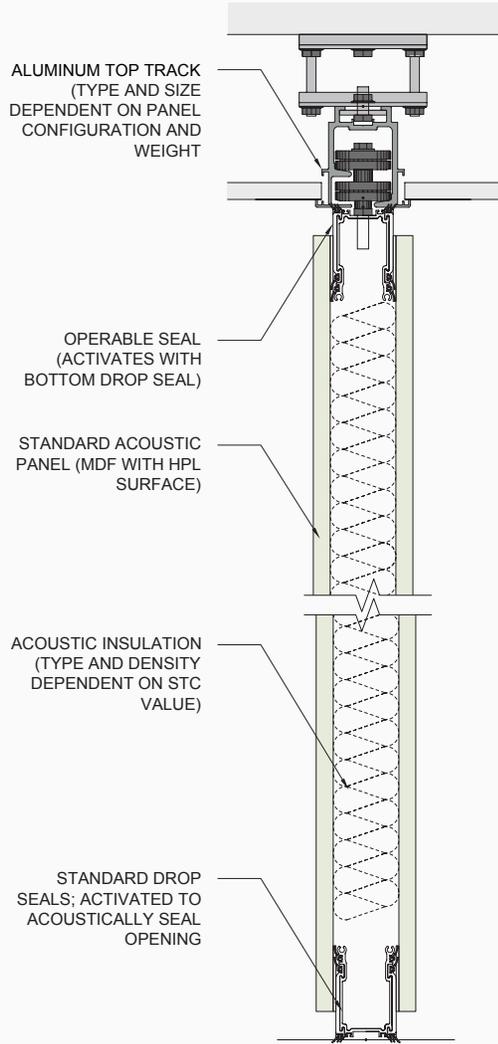
TYPICAL VERTICAL SECTION



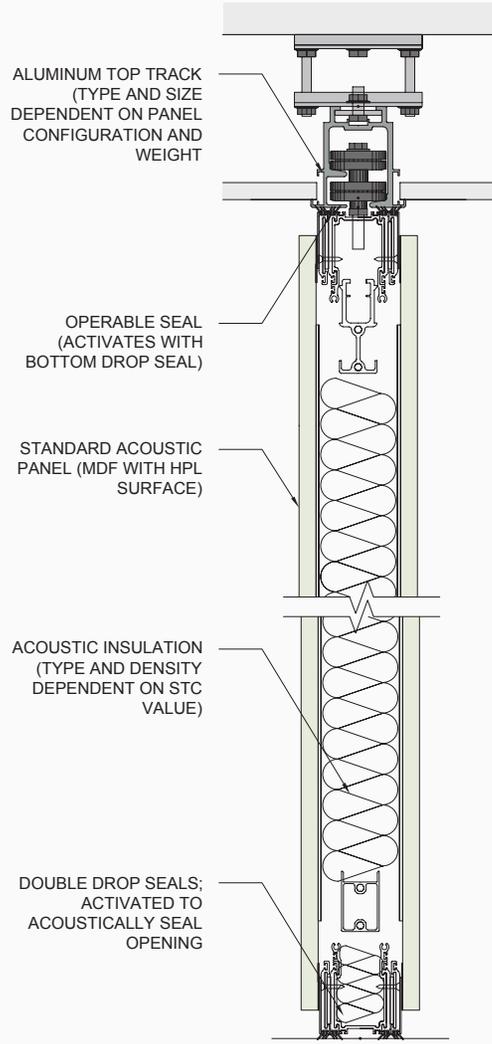
TYPICAL HORIZONTAL DETAILS



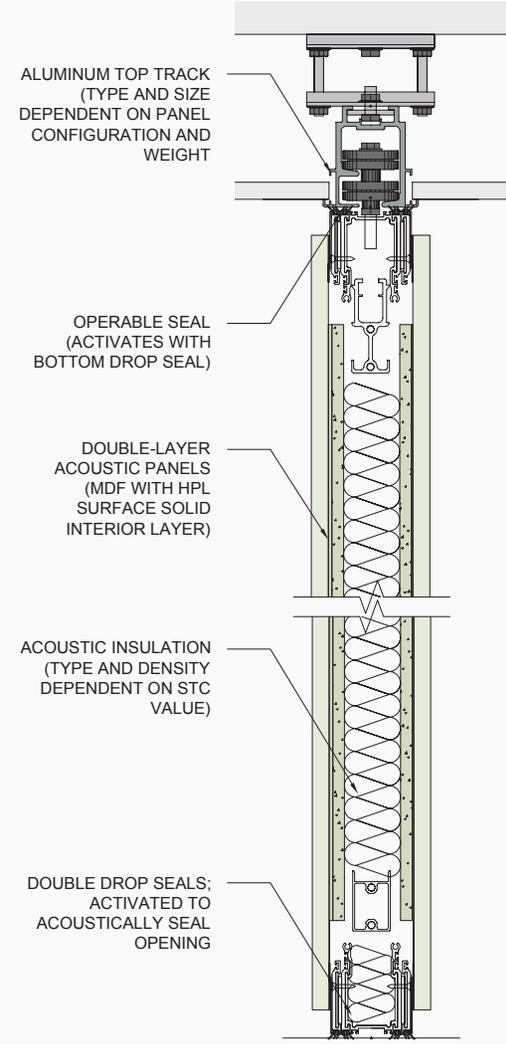
Panel Types (Acoustics)



PANEL TYPE 1
SINGLE PANEL + SINGLE GASKETS
STC - 41, 47, 50

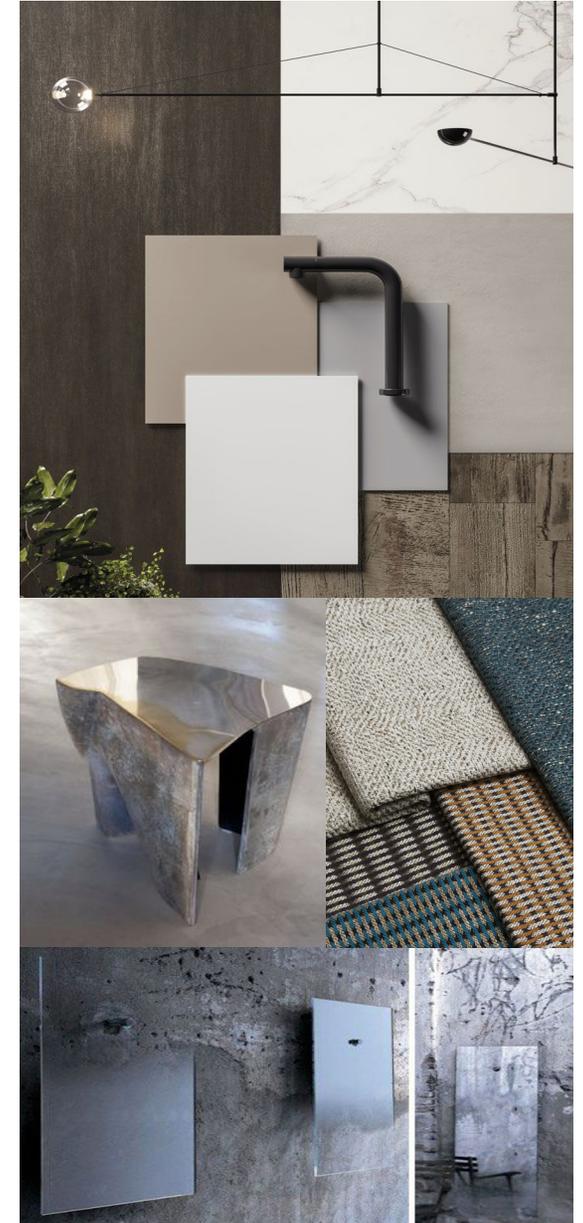


PANEL TYPE 2
SINGLE PANEL + DOUBLE GASKETS
STC - 55

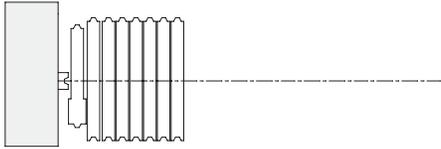


PANEL TYPE 3
DOUBLE PANEL + DOUBLE GASKETS
STC - 57

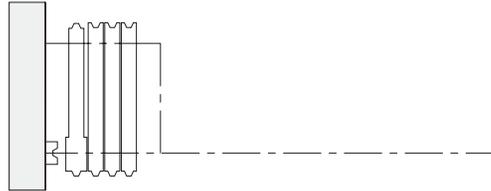
“ mirror, mirror on the wall adds dimension and depth
 . . . reflective finishes on solidSTACKWALL pairs perfect in this setting.



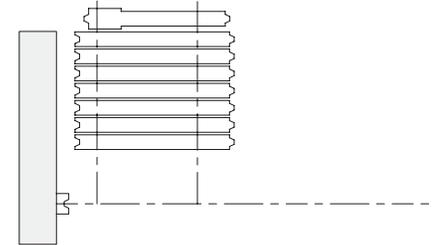
Options: Parking Configurations



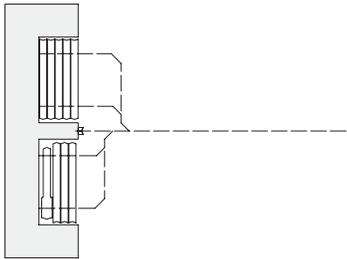
PG-07
TYPICAL PARKING FOR STRAIGHT RUN



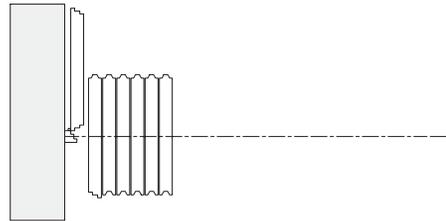
PG-08
TYPICAL PARKING FOR MULTI-DIRECTIONAL (2AL1)



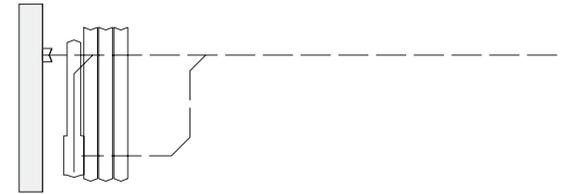
PG-09
OFFSET PARKING WITH PARALLEL TRACK (2PAR)



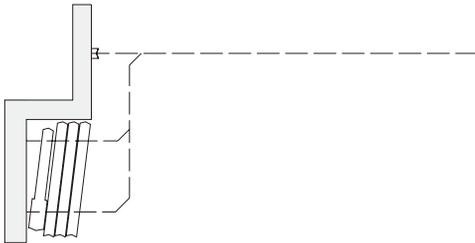
PG-10
SPLIT PARKING (1K-05)



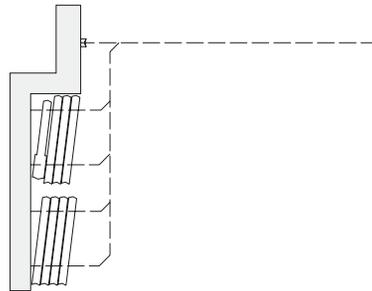
PG-11
PARKING WITH FIXED DOORPANEL (1BAT)



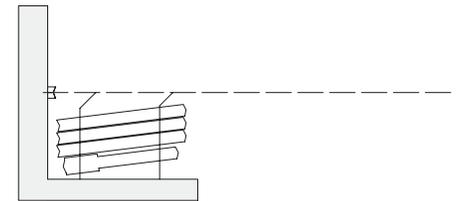
PG-12
OFFSET TELESCOPICPANEL PARKING (1K-02)



PG-13
REMOTE PARKING (1K-03)

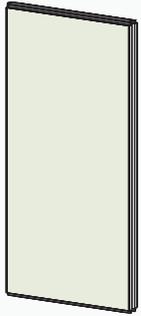


PG-14
REMOTE SPLIT (1K-04)

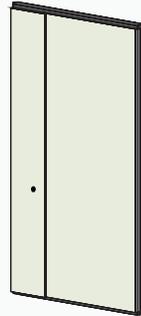


PG-15
ANGLED PANEL PARKING (1K-01)

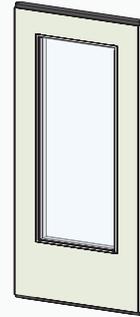
Options: Panel types



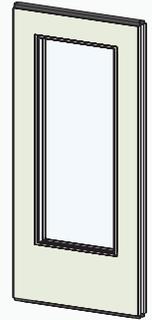
TYPICAL PANEL



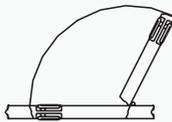
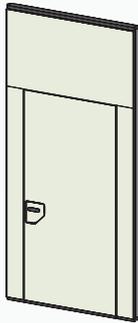
TELESCOPIC PANEL



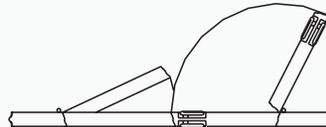
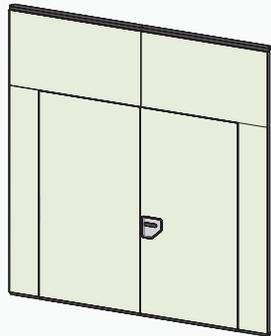
VISION LITE (SINGLE)



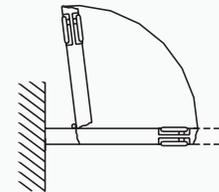
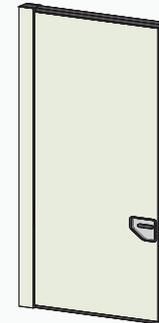
VISION LITE (DOUBLE)



MID-RUN DOOR PANEL

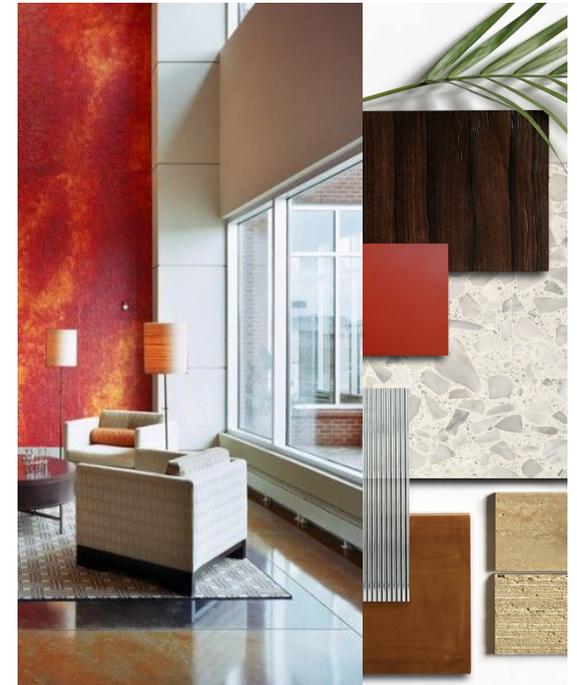


MID-RUN DOUBLE DOOR PANELS



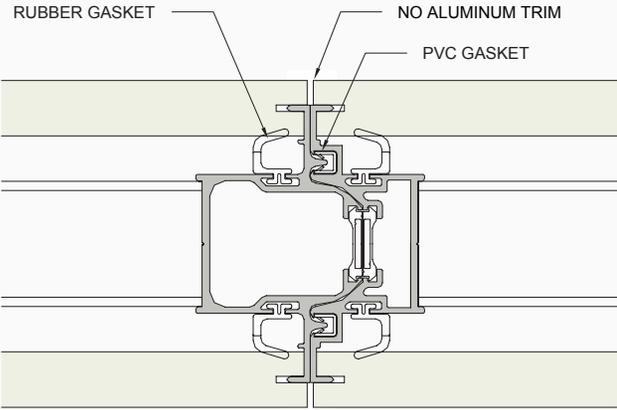
FULL-HEIGHT DOOR @ WALL

“ if you are meant to shine, you are meant to shine
 . . . solidSTACKWALL can create drama that is welcome.

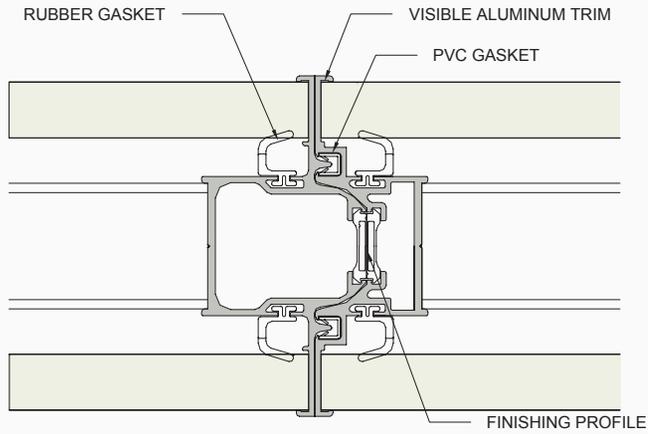


Options: Reveals

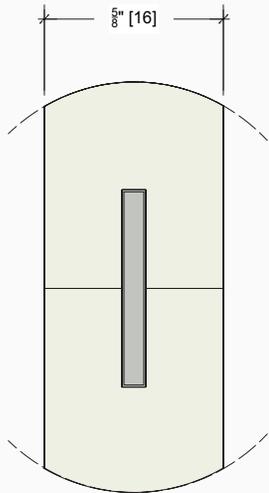
HORIZONTAL PANEL-TO-PANEL CONNECTION - TRIMLESS



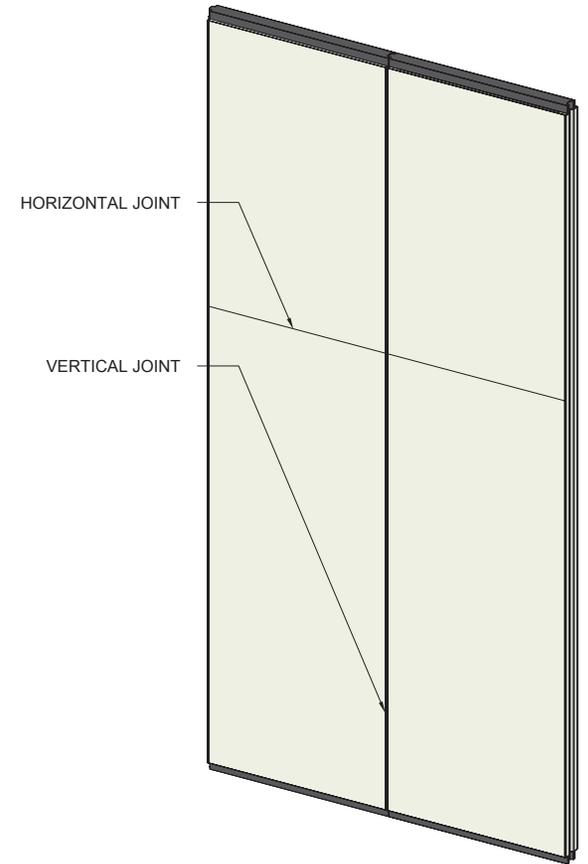
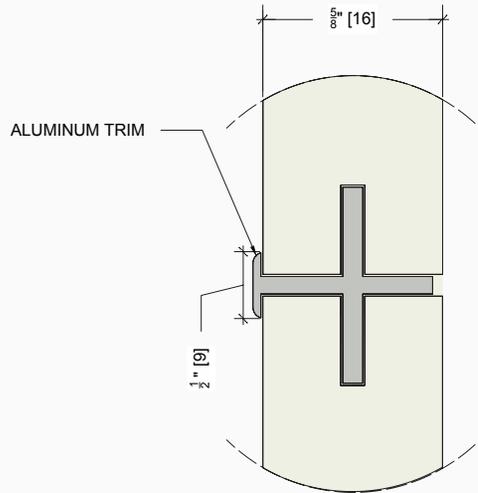
HORIZONTAL PANEL-TO-PANEL CONNECTION - TRIM



VERTICAL SECTION - TRIMLESS



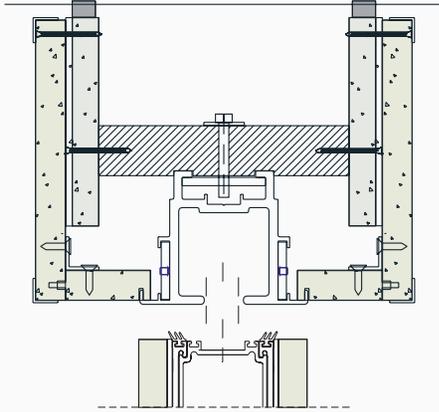
VERTICAL SECTION - TRIM



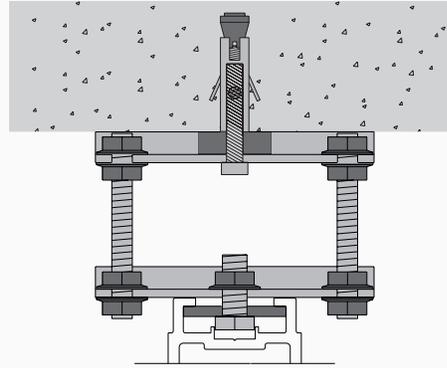
Options: Structural support

(above CARVART systems)

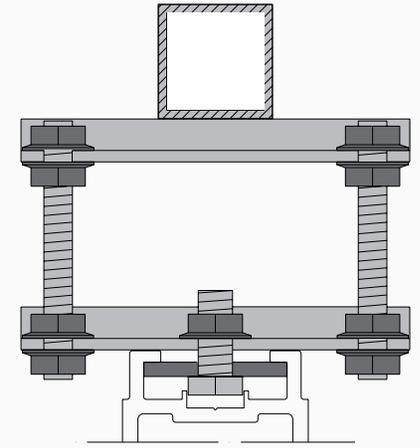
- Pre-engineered, easy-to-install top support can be coordinated and provided for additional cost.
- Ideal for tall spaces where the super-structure is far above finish ceiling.



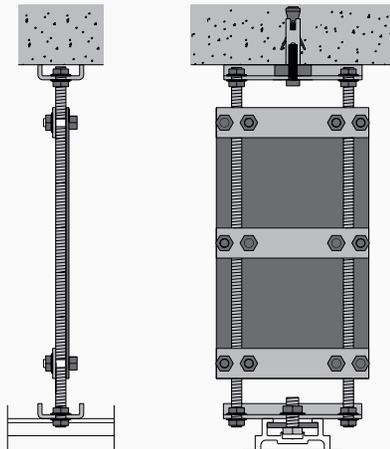
ACOUSTIC HEADER
Soffit Assembly



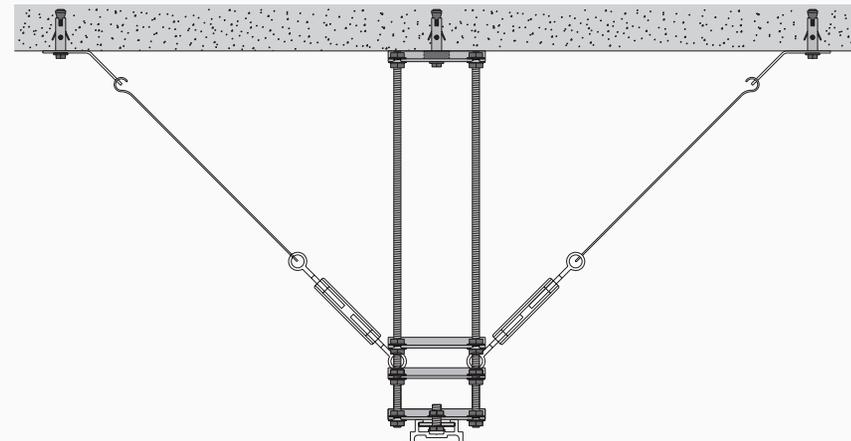
STEEL THREADED ROD SUPPORT
WITH CONCRETE ANCHOR CONNECTION



STEEL THREADED ROD SUPPORT
WITH STEEL TUBE CONNECTION



STEEL THREADED ROD SUPPORT
WITH STIFFENING PLATE

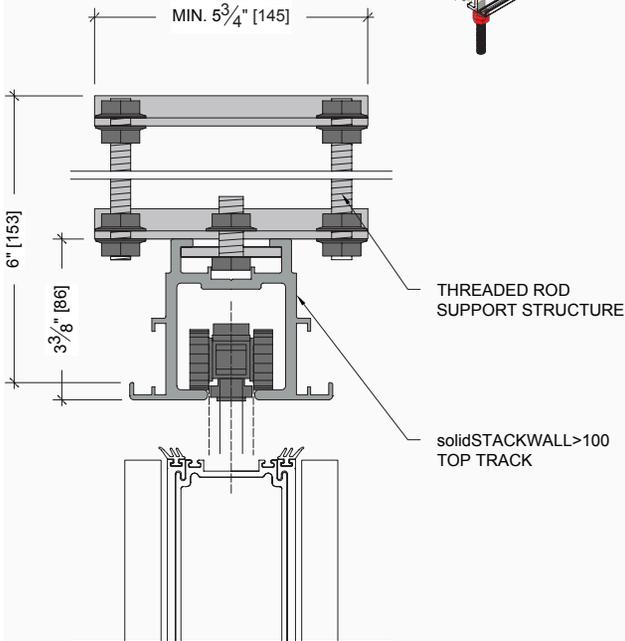
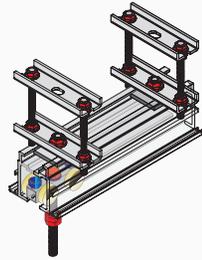


STEEL THREADED ROD SUPPORT
WITH OUTRIGGERS

Options: Structural support

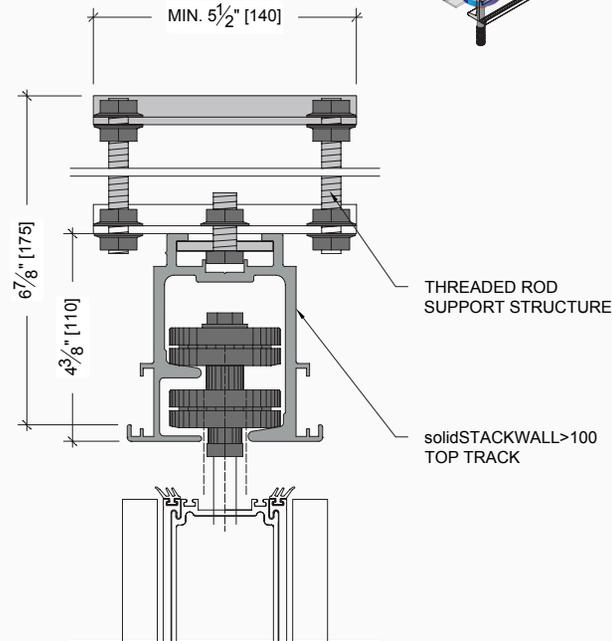
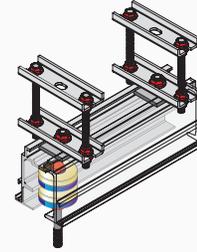
(above solidSTACKWALL systems)

- Pre-engineered, easy-to-install top support can be coordinated and provided for additional cost.
- Ideal for tall spaces where the super-structure is far above finish ceiling.



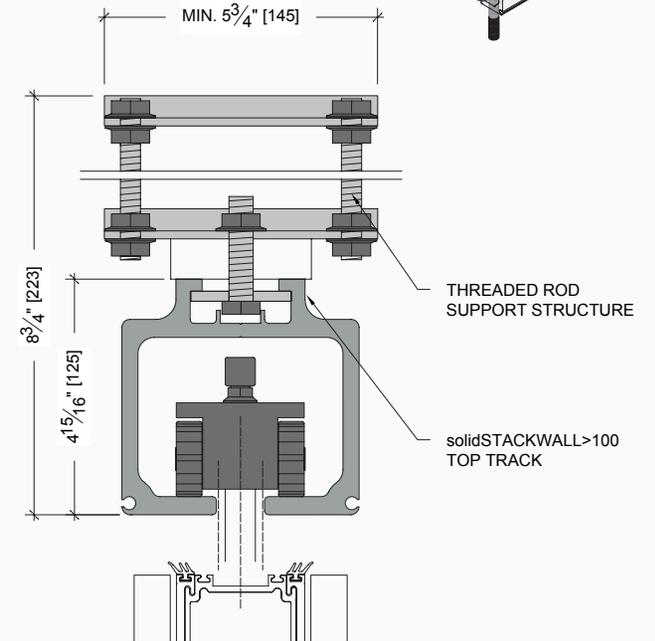
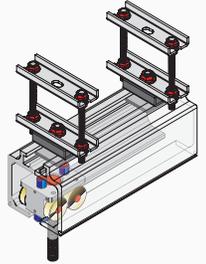
solidSTACKWALL>100

- LINEAR / STRAIGHT-RUN CONFIGURATIONS ONLY
- ACOUSTIC PERFORMANCE
- SINGLE-TROLLEY SYSTEM
- MAX HEIGHT: 11'-5-3/4"



solidSTACKWALL>800

- MULTIDIRECTIONAL / CORNER-RUN CONFIGURATIONS
- ACOUSTIC PERFORMANCE
- TWO-TROLLEY SYSTEM
- MAX HEIGHT: 21'-3-7/8"



solidSTACKWALL>1000

- MULTIDIRECTIONAL / CORNER-RUN CONFIGURATIONS
- TWO-TROLLEY SYSTEM
- MAX HEIGHT: 21'-3-7/8"

CARVART®