solidSTACKWALL
a simple white backdrop accentuates sophistication

. . . solidSTACKWALL creates seemless 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

- Recessed top track
- Finished ceiling by other
- Fixed wall jamb
- Operable telescopic panel (stacks like typical panel)
- Operating tool insertion point

TYPICAL VERTICAL SECTION

- Anchoring and structure above by other
- Steel support structure above operable system
- Finished ceiling by other
- Recessed aluminum top track (track determined by panel size/weight)
- Seal (operates in coordination with bottom seal)
- Standard acoustic panel (MDF with HPL surface)
- Acoustic insulation (type and density dependent on STC value)
- Drop seal (operates in coordination with top seal)
- Acoustic gaskets
- Finish flooring by other

TYPICAL HORIZONTAL DETAILS

- Finished wall by other
- Telescopic panel; single panel that expands and contracts to initiate wall operation
- Typical reveal (alum. framed seam available for high traffic areas)
- Interior panel framing overlaps adjacent panel to create tight, acoustic seal
- Fixed jamb
- Tool/hand crank inserted here
- Cont. vertical blocking by other
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

- Aluminum Top Track (type and size dependent on panel configuration and weight)
- Operable Seal (activates with bottom drop seal)
- Standard Acoustic Panel (MDF with HPL surface)
- Acoustic Insulation (type and density dependent on STC value)
- Standard Drop Seals; activated to acoustically seal opening
- Double Drop Seals; activated to acoustically seal opening
- Standard Acoustic Panel (MDF with HPL surface)
- Double-Layer Acoustic Panels (MDF with HPL surface solid interior layer)
- Acoustic Insulation (type and density dependent on STC value)
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 Telescopic Panel 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

- Rubber Gasket
- No Aluminum Trim
- PVC Gasket

HORIZONTAL PANEL-TO-PANEL CONNECTION - TRIM

- Rubber Gasket
- Visible Aluminum Trim
- PVC Gasket

VERTICAL SECTION - TRIMLESS

- PVC Gasket
- Rubber Gasket
- FINISHING PROFILE

VERTICAL SECTION - TRIM

- PVC Gasket
- Rubber Gasket
- Horizontal Joint
- Vertical Joint
- Aluminum Trim

Dimensions:
- 5 8" [16]
- 3 1/4" [9]
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 super-structure is far above finish ceiling.
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(above solidSTACKWALL systems)

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### 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"