

**S P E C I F I C A T I O N S****WALL TYPE**

Freestanding and demountable. Available in standard heights of 5' to 14' and custom heights. Top of the wall adjusts up to 3" and base adjusts 1-1/2". Standard width frames are 12", 18", 20", 24" 30", 36", 40", 42" and 48" and custom widths under 48". Special horizontal expander walls adjusts up to 13". Finished walls are 5-1/4" thick, outside panel to outside panel.

**FRAMES**

18 GA. welded galvanized steel frame, double-returned C-channel fabrication. Frames are attached to each other by means of patented, self-aligning clips. Frames are easily leveled and plumbed with a Phillips head screwdriver from an upright position. Frames can be attached to any existing wall structure using appropriate anchors and SMARTWALLS wall mounts. Attachment to floor or ceiling is not required in most applications. SMARTWALLS companion Wall Surfacing System can be used for furring out existing walls or covering drywall. Seismic engineering is available.

**PANEL TYPE**

1/4" MDF (medium density fiberboard) substrate with thermofused melamine panels in a wide variety of colors and patterns (over 300). Panels meet Class C fire rating employing ASTM E84 tunnel test. Class A fire rating available on request. Specialty panels available for medical, clean room, or high impact conditions. Panels attach to metal frames with a patented black magnetic extrusion. The magnetic material will not affect voice, data or power components. Reveal detail at panel seams is black magnetic extrusion or silver aluminum.

**SOUND RATING**

ASTM E90 with STC of 34-40. Higher STC ratings achievable with additional materials.

**ELECTRIC PLUMBING**

SMARTWALLS® provides an open cavity of 3-1/4" to allow complete access of power, cabling and technology components. SMARTWALLS are compatible with all conventional power and data components, as well as most modular plug and play systems. Frames accommodate plumbing and insulation throughout.

**DOORS**

Standard aluminum frames in a variety of finishes. Doors may be wood, laminate, or aluminum and glass. Hinge doors, pocket sliding doors, and both interior and exterior (corridor side) sliding barn doors are offered. Industry standard sizes are 3070, 3080, 3090 for swing doors and 5470, 5480, and 5490 for double swing doors. Standard frame colors are bronze, black and white baked enamel, or clear anodized. Custom frame colors are available

**HARDWARE**

Most commercial grade latch sets and hinges are compatible with the SMARTWALLS Demountable Wall Systems.

**WINDOWS**

Standard aluminum frames in a variety of finishes. Standard aluminum frame colors are bronze, black and white baked enamel or clear anodized. Custom frame colors are available. Standard heights are floor to top of door and 36" A.F.F. to top of door. Glass can be 1/4" to 1/2" thick, clear or architectural. Complete glass office fronts available with variety of options.

**TRIM**

Adjustable ceiling trim is magnetically backed extruded aluminum. Available in black or clear anodized aluminum or custom painted colors. Matching metal corners are provided. Inverted aluminum corners are also available. Cove base is vinyl or rubber.

**LEAD TIME**

5-8 weeks.

**INSTALLATION**

By factory, dealer or contract installation teams.

**SUPPORT**

Design, layout, and fabrication of custom fixtures, millwork and graphics.

**LIMITED WARRANTY**

Ten (10) years on frames, one (1) year on panels.

**SUSTAINABILITY**

Materials are reusable and reconfigurable. Aluminum, steel, glass and magnet materials are recyclable and standard substrate (panel) is made from 70-100% recovered and recycled content. Will contribute to LEED™ points.

**CUSTOM/SPECIAL**

White boards, built-in and demountable graphics, curved walls, bulletproof walls.

**ACCESSORIES**

White-boards, architectural aluminum trim, all commercial door hardware, custom door pulls, integrated wall sconces, digital printed graphics.