

ADANLOCK - "478" SERIES Partition System - SPECIFICATIONS

GENERAL PANELS:

Partition panels shall be "478" Series as manufactured and installed by **ADANLOCK**. Panels shall be 4-7/8" thick constructed of 20 Gauge rolled steel stretcher-level standard flatness for both faces with either honeycomb core or rockwool insulation. Horizontal steel reinforcements welded in place 12" on center. Panel widths and heights shall be as shown on the architects drawings.

INSTALLATION:

Partitions shall be erected in a rigid manner, straight and plumb, with horizontal lines level. Partitions shall be installed by **ADANLOCK** and shall fit neatly with all existing building surfaces. All blocking above ceiling for bracing shall be provided and installed by others. The general contractor shall provide soffit and wall finished openings that are square, straight and plumb, ready for system installation. The floor shall be leveled and prepared by others for system installation.

GLASS PANELS:

Panels shall be 4-7/8" thick at the vertical mullions. The construction to be 18 Gauge cold rolled steel. Glass panels come standard with 1/4" tempered glass. Special glass size orders upon request. These panels are accented with a 1 1/2" removable vertical mullion.

GLASS & GLAZING:

Glass and glazing for partitions shall be furnished and installed by **ADANLOCK**; design, quality and thickness as specified and as shown on the architects drawings. Glass shall be bedded in polyurethane foam gasket of neutral color. Glass shall be field glazed, unless noted otherwise. Glass stop shall be removeable without screws or fasteners.

PANEL CONNECTORS:

Panels shall be connected by means of 1 1/2" removable mullion section.

CEILING CHANNEL:

1-1/4" Ceiling channel shall be 18 Gauge steel and shall provide telescopic adjustments for moderate ceiling level variations. Ceiling channel shall be secured to ceiling/soffit with light and sound seals on the contact perimeter.

BASE:

Base shall be 4" high, formed of 20 Gauge steel, constructed to be recessed behind panel face. Base shall be continuous, snap-on and easily removed from either side for access to lay in wiring conduit. No screws, fasteners, tape or glue will be permitted.

DOORS & FRAMES:

Doors shall be flush design or glazed as specified, 1 3/4" thick 18 Gauge steel. Door units are available in various widths and heights, as required by door schedule. Door frames shall be 18 Gauge steel, properly mortised, and reinforced for hardware installation. Follow the architectural door & hardware schedules for individual door requirements.

HARDWARE:

Unless otherwise specified, hardware shall be **ADANLOCK's** standard: cylindrical type latch set, interchangeable with lock sets of different operations, 1½ pair of 4½" x 4½" template B.B. butt hinges, Finish: US-26D and one stop per door. All other hardware shall be supplied by others and installed by **ADANLOCK** providing that the hardware is on the job site at the time of partition installation, unless noted otherwise.

FINISH:

All steel parts shall be thoroughly cleaned, rinsed with rust inhibitor and properly dried before paint is applied. All members to be sprayed with an enamel primer and finish coat, properly baked to ensure durability. Color to be selected from **ADANLOCK's** color chart. **ADANLOCK's** exclusive modified epoxy powder paint finish to match architect's sample is also available.

CLEANING:

All rubbish and cuttings shall be removed and premises left broom clean. Finger marks shall be removed and scratches touched up. Washing of partition, cleaning of glass or removing of dust shall be performed by others.

GUARANTEE:

All work shall be guaranteed for a period of 3 (three) years against defective material and workmanship.

PERFORMANCE REQUIREMENTS:

SOUND CONTROL:

Sound transmission class (STC) of 40 minimum is required. Furnish independent laboratory test reports performed in accordance with ASTM E 90-75.

DEFLECTION:

Panel deflection shall be 0.113 inches or less under a load of 5 pounds per square foot. Furnish independent laboratory test report showing complete procedure and results.

LOAD DEFLECTION:

Panels with hanging feature shall be capable of supporting a total load of 1125 pounds or greater. Furnish independent laboratory test report.

LINE SAFETY:

Panels shall have a flame spread of 0 (zero) and smoke developed value of 25 when tested in accordance with ASTM E84-77A. Furnish independent laboratory test report.

PLEASE NOTE THAT "ADANLOCK" OFFICE PARTITION SYSTEMS ARE MADE BY AMERICAN WORKERS USING AMERICAN MADE MATERIALS.