

ADANLOCK - "300" SERIES Partition System - SPECIFICATIONS

GENERAL PANELS:

Partitions shall be "300" Series as manufactured and installed by **ADANLOCK**. Panels shall be 3" thick constructed of 20 Gauge rolled steel stretcher-level standard flatness for both faces with either honeycomb core or rockwool insulation. Horizontal steel reinforcements shall be welded in place 12" on center. Structural vertical 16 Gauge steel full height legs shall be factory assembled to both sides of each panel. Panels shall be available in widths as required and as configured on the architects drawings, and shall allow for 2, 3 or 4 way connections as required.

INSTALLATION:

All units shall be erected in a rigid manner, straight, plumb with horizontal lines level. Hardware shall be adjusted in good working condition. All blocking above ceiling for bracing shall be provided by others. The general contractor shall provide soffit and wall openings that are square, straight and plumb for system installation. The floor shall be leveled and prepared by others for system installation.

GLASS PANELS:

Glass Panels shall be 3" thick at the vertical mullions. The construction shall be 18 Gauge cold rolled steel. Glass panels shall come standard with ¼" tempered glass. Special glass size orders available upon request. Glazing shall be done in the field unless noted. Glass panels are accented with a 1½" removable vertical mullion.

GLASS & GLAZING:

When specified, glass and glazing for partitions shall be furnished and installed by **ADANLOCK**. Glass shall be bedded in polyurethane foam gasket of neutral color, glazed in the field unless noted.

PANEL CONNECTORS:

Panels shall be connected by means of 1½" removable mullion section.

CEILING CHANNEL:

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

BASE CONNECTIONS:

Base shall be 4" high, formed of 20 Gauge steel, constructed shall 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, tape or glue will be permitted.

DOORS & FRAMES:

Doors shall be flush design or glazed as specified, 1¾" thick, 20 Gauge steel or wood. Door units are available in various widths and heights. Follow the architectural door and hardware schedule for individual door requirements, as required. Frames shall be 18 Gauge steel, properly mortised, and reinforced for hardware.

HARDWARE:

Unless otherwise specified, hardware shall be **ADANLOCK** standard cylindrical type latch set, interchangeable with lock sets of different operations, 1½ pair of 4 ½" x 4 ½" template B.B. butt hinges. Finish: US-26D. Hardware supplied by others to be installed by **ADANLOCK**, unless otherwise noted.

FINISH:

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

ARCHITECTURAL FINISHES:

If desired, panels have vinyl, fabric, high pressure laminate, wood veneers, or other decorative finishes on all exposed surfaces to enhance appearance.

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 39 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 IN THE U.S.A. BY AMERICAN WORKERS USING AMERICAN MADE MATERIALS.

