

SERIES 487 OFFICE PARTITIONS

JOB SITE GUIDELINES

CENTER GLAZED WITH 1-1/2" TRIM

PROFILE PLACEMENT

Note: Check Measurements. If needed, shave wallboard to finish wall at 4-7/8".

NOTE: 487x501 Shown. Others similar.

Maintain 3/4" (19 mm) Gap

487x PROFILE IDENTIFICATION

Match numbers in configuration illustrations on the right to identify the correct profile. Secure with Clips shown on Clip Installation Chart.

500  
501  
502  
503  
504  
505  
506  
508  
509  
525  
015

ANCHOR TYPE AND SPACING

Space All Fasteners 2" (51 mm) at Ends 12" (305 mm) On Center

Fastener Part Numbers

- 20061601 (6X158DWS) Fasteners by Others

All vertical members are cut with an additional 1-5/8" (41.3 mm) Scribe length for field cutting to allow for varying uneven floor conditions. Fabricated frames can be ordered to exact dimensions for "cut-free" installation.

DOOR INSTALLATION

- Lift 487x500 Door Header into place and adjust to proper height. **Do not secure.**
- Insert tabbed Jambos into slotted Header.
- Level and secure Header with 6X158DWS Drywall Screws.
- Install C1 Corner Clips at top corners on both sides of frame.
- Plumb, square and secure Hinge Jamb with 6X158DWS Drywall Screws.
- Plumb, square and secure Strike Jamb with 6X158DWS Drywall Screws.
- Install factory-prepped Trim on both sides of frame.

EXTERIOR

487x015 Trim

504

Do NOT install 487x504 Glass Stop before glazing.

50 POUND MAX

50 lb. maximum load on Sill without additional support.

487x CONFIGURATIONS

Match Letters with Clip Installation Chart. NOTE: Drawings shown with Trim installed.

Door  
Door with Sidelites  
Transom Door  
Transom Door with Sidelites  
Borrowed Lite  
Cased Opening  
Borrowed Lite to Floor  
Cased Opening to Floor

SIDELITE INSTALLATION

NOTE: If applicable, measure and cut Scribe from bottom (straight end) of Jambos and vertical Trim before installing.

- Install Door Header and Jambos as shown above.
- Install, level and secure 487x501 Sidelite Header with 6X158DWS Drywall Screws.
- Install 487x501 Sidelite Jamb at wall. Level and secure with 6X158DWS Drywall Screws.
- Install 487x506 Sidelite Jamb at Door and secure with 20061601 Screws.
- Install, level and secure 487x505 Floor Track with fasteners suitable for substrate.
- Install 487x502 Sill and secure to Floor Track with 20061601 Screws.

NOTE: Install Clips as you level and secure each section. Match letters to Clip Installation Chart for correct Clip location and orientation. Follow Glazing Sequence and then notch and install Trim.

EXTERIOR

Shim as Needed

TRANSOM DOOR INSTALLATION

NOTE: If applicable, measure and cut Scribe from bottom (straight end) of Jambos and vertical Trim before installing.

- Position 487x501 Transom Header and Jambos in opening. Temporarily hold in place.
- Tape 487x502 with 487x508 Door Header together and lift into place. Adjust to proper height. **Do not secure.**
- Insert tabbed 487x500 Door Jambos into slotted Door Header.
- Square and secure Door Jambos with 6X158DWS Drywall Screws.
- Square and secure Transom Frame with 6X158DWS Drywall Screws. Secure Door Header 487x508 to 487x502 with 20061601 Screws.

NOTE: Install Clips as you level and secure each section. Match letters to Clip Installation Chart for correct Clip location and orientation. Follow Glazing Sequence and then notch and install Trim.

EXTERIOR

Trim 1-5/8" maximum Scribe if applicable.

1/4" Glass

3/8" Glass

1/2" Glass

9/16" Glass

487 CLIP IDENTIFICATION

Install with 20061601 Screws.

CLIP INSTALLATION CHART

Locate Letters for correct clip location and orientation. All clips are installed on BOTH sides of frame with 20061601 Screws.

1-1/2" TRIM INSTALLATION

CRL Fabricated Frames come standard with Trim that is mitered at the outer top corners of the frame. Intermediate Vertical Trim is straight cut to underside of Header and runs through the Sill. All Vertical Trim has an additional 1-5/8" (41.3 mm) Scribe added at the bottom to allow for uneven floor conditions. Cut Trim to desired length at the Scribe end only. Trim for Hinge and Strike Jambos is factory notched for Hinges and Strike Plates (S). Customer is responsible for notching over all Clips (P, Q, and R).

GLAZING SEQUENCE

- Insert glass into deep pocket.
- Swing into place.
- Slide into shallow pocket.
- Lift up into top pocket.
- Position Setting Blocks.
- Lower glass.
- Install 487x504 Glass Stop(s).
- Install WB452 Edge Block.
- Center glass.
- Cut and install Glazing Gaskets.

NOTE: Maximum 50 LB (23 KG) each Sidelite. Additional shim support under the sill is required for any loads over 50 lbs.

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