

1.0 General

Anchorage of peninsula/island casework is not covered within these guidelines due to differences in flooring and framing materials. Such installations shall be specified by the design professional and coordinated with other trades.

Base casework with mechanical spacing allowances shall be as specified.

2.0 In-Wall Backing / Blocking

Casework wall anchorage requires continuous in-wall blocking or backing of at least 50.8mm x 152.4mm [2" x 6"] nominal wood or 152.4mm x 1.4mm [6" x 16 gauge] flat strapping/backing plate, installed by others, and appropriately located in all wood or metal stud walls as shown. For installation into metal studs, the screw should be at least equal in length to the total thickness of the material, including gaps, with a minimum of three exposed threads.

3.0 Wall Anchorage

Casework wall anchorage requires manufacturer to provide appropriate location layouts on their shop drawings for in-wall blocking or backing for all tall, base, and wall-hung casework for both top and bottom runs of fasteners, as shown.

4.0 Adjacent Cabinet Units

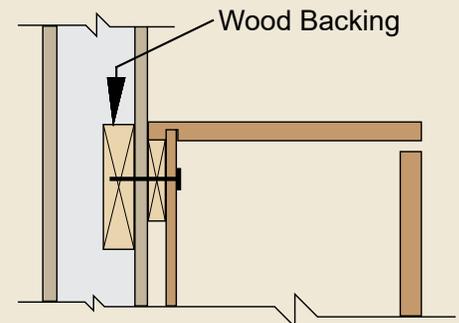
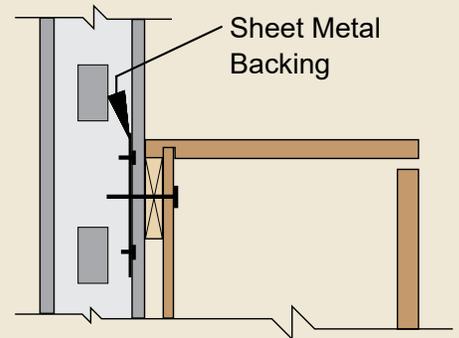
Casework wall anchorage requires adjacent cabinet units to be fastened together at the front with a minimum of two #8 x 31.7mm [1.248"] flat, oval, or pan head screws, a maximum of 762mm [30"] on center. Binder head sex bolts are permitted.

At exposed interior surfaces, cover caps of compatible color to interior are required for custom and premium grades.

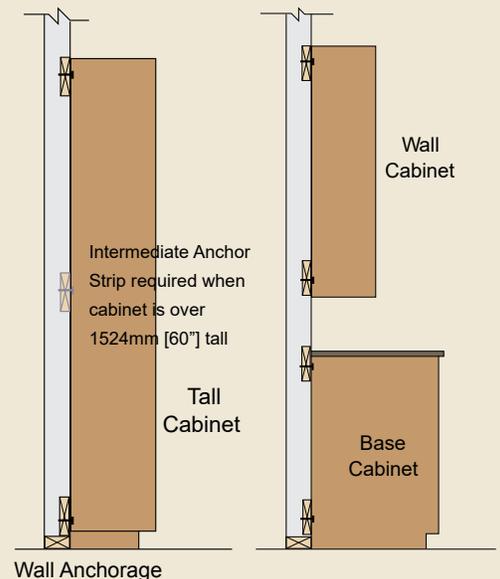
5.0 Anchorage Fasteners

Casework wall anchorage requires anchorage fasteners to be neatly installed through the back and anchor strip, at the top and bottom at each cabinet body and near mid-height of cabinets over 1524mm [60"] tall.

Anchorage fasteners are required to be a minimum of 4.6mm x 76.2mm [#10 x 3"] with a surface bearing head.



Types of In-Wall Blocking



Installation Guidelines

Anchorage fasteners are required to achieve a minimum penetration of 38.1mm [1.500"] into the wall studs, in-wall blocking, or masonry walls.

Use of drywall or bugle head screws is prohibited.

At exposed interior surfaces, cover caps of compatible color to interior are required for custom and premium grades.

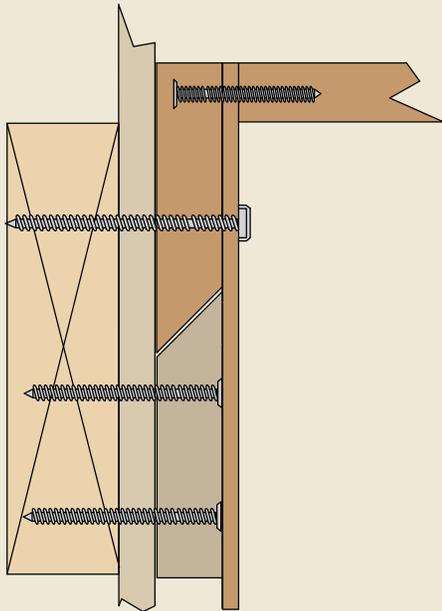
Casework wall anchorage requires each cabinet unit or undivided span to have a minimum of four anchorage fasteners; two at the top and two at the bottom.

Horizontally, anchorage shall be located within 76.2mm [3"] of the outside end and equally spaced, at a maximum spacing of 1406mm [16"] on center, except wall cabinet units over 1219mm [48"] in height, which shall be no more than 305mm [12"] on center.

Vertically, anchorage shall be placed within 76.2mm [3"] of the outside top or bottom of the cabinet unit and shall be aligned with the corresponding anchorage at the opposite end of the cabinet. Anchorage must penetrate the anchor strip.

A locking hanging cleat or other concealed method of installation may be used, provided it has been independently tested to show compliance to the wall cabinet structural integrity test.

Bases or toes are not required to be anchored to the floor; however, separate bases or toes are required to be mechanically fastened in the field to the cabinet bottom with flat head screws set flush or slightly recessed to prevent their movement.



Locking Hanging Cleat



Architectural Woodwork Institute
46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165
Phone: 571-323-3636, Fax: 571-323-3630
<http://www.awinet.org>