
Impaling Clip Fastening System

Ordered impaling clips will be supplied by AVL Systems, Inc. and will arrive with your order. The installer is responsible for securing the impaling clips to the wall using the appropriate fasteners. Depending on the size of the panels, there will be approximately 4-6 clips allowed per panel. After clips are secured to the substrate, take a generous dab of an appropriate construction adhesive and apply to the back of the panel as recommended by the adhesive supplier. While using great care not to distort or damage the panel, gently push the back of the panel onto the clips securely so that the panel stays in place while the adhesive cures.

NOTE: Adhesives and fasteners used in securing the clips to the substrate are to be selected and supplied by the installer.

To properly assist your local adhesive supplier, AVL recommends that you first determine what substrate the adhesive will be applied to. Is it drywall, plaster, wood, metal or other? Is the surface treated, coated or painted, and if so, what chemicals are present? If it is paint, is it latex, oil based, high, semi or flat gloss? These are some typical questions you may be asked by your supplier. Also, they will need to know that AVL panels are constructed using 7 lb. density fiberglass board material.

If your local supplier is unable to assist you, AVL has listed below a partial list of adhesive companies that may be of further assistance. This is not an endorsement or recommendation by AVL of adhesive suppliers and is to be used only as sources for technical assistance.

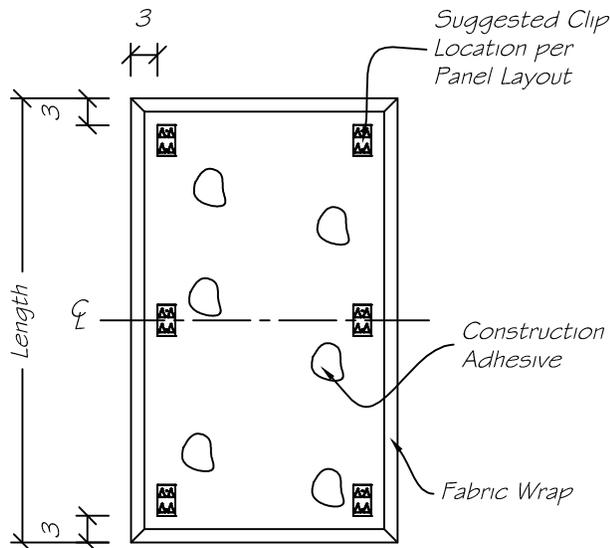
ASHLAND ADHESIVES	800-322-6580
BORDEN, INC.	800-848-9400
W.W. HENRY COMPANY	800-232-4832
FRANKLIN GLUE COMPANY	800-877-4583
H.B. FULLER COMPANY	800-328-9673



AVL Systems, Inc.

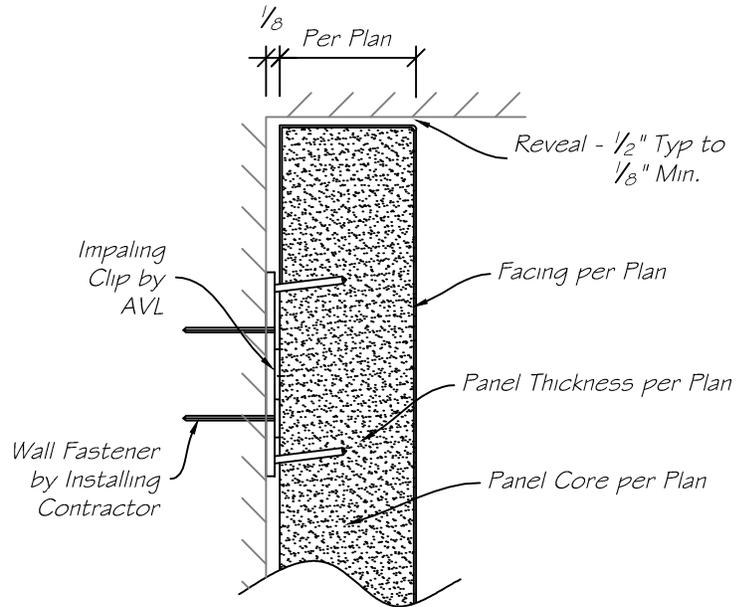
5540 SW 6th Place · Ocala, FL 34474 · www.AVLonline.com

Toll Free: 1-800-228-7842 · Fax: 352-854-1278 · Email: info@AVLonline.com



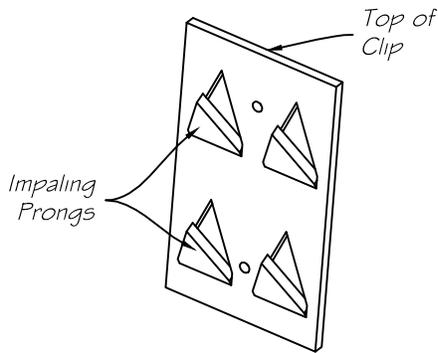
PANEL BACK ELEVATION

SCALE: N.T.S.



IMPALING CLIP SECTION

SCALE: N.T.S.



TYP. IMPALING CLIP

SCALE: N.T.S.

Panel Length	# of Clips
Up to 24"	4
24" - 48"	4
48" - 72"	4
72" - 96"	6
96" - 120"	8

Ordered impaling clips will be supplied by AVL Systems, Inc. and will arrive with your panel order.

Clips will be provided per order per schedule as shown.

The installer is responsible for securing the impaling clips to the wall using appropriate fasteners supplied by the installing contractor.

After layout has been determined and clips have been secured to the wall, it is recommended that the installer applies dabs of an approved construction adhesive to the backs of the panels prior to installation onto the clips.

When securing the panels to the wall mounted clips, use enough pressure to ensure sufficient contact with the adhesive and both the panel and the wall, and to use great care to not distort or damage the panel during this process.

Typical Impaling Clip Detail for Fiberglass Panels



Hear + Feel
the Difference™

AVL Systems, Inc.

5540 SW 6th Place · Ocala, FL 34474 · www.AVLonline.com

Toll Free: 1-800-228-7842 · Fax: 352-854-1278 · Email: info@AVLonline.com