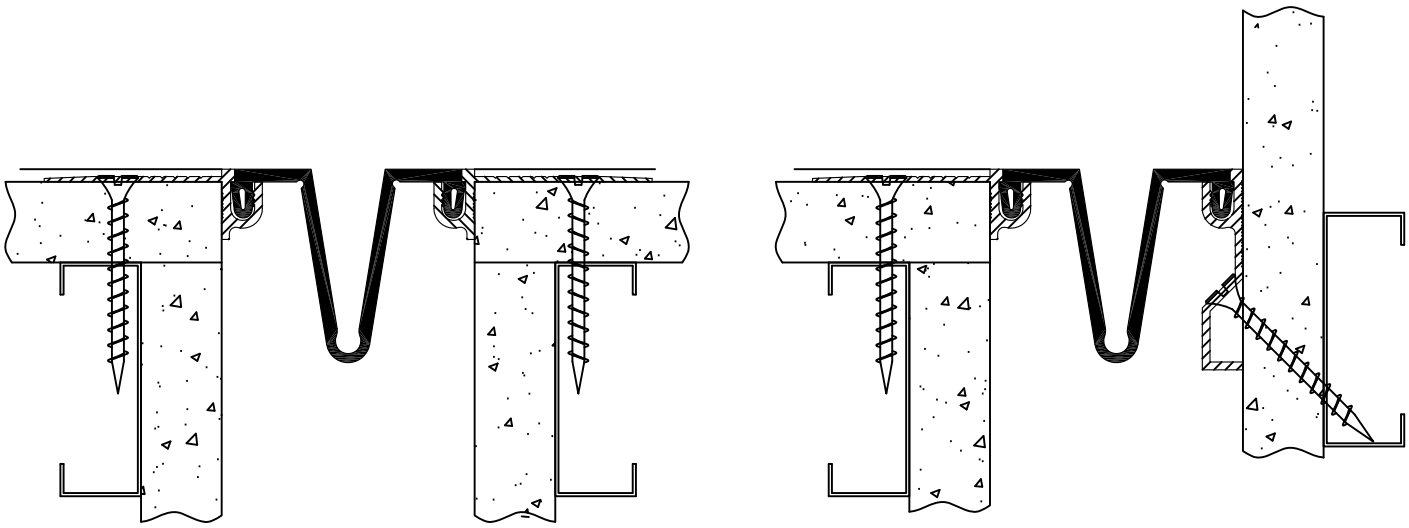
Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

Phone: 716-542-3991
Website: www.eriemetal.com
E-Mail: sales@eriemetal.com



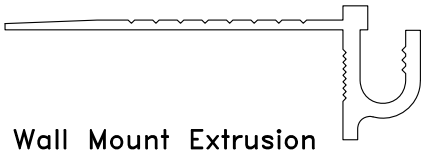
Seal Wall - Standard Series
Model(s) "ELCD-200/300/400/500/600" & "ELCD-200W/300W/400W/500W/600W"
Vertical Expansion Control Systems

The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

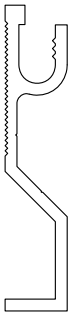
1) Carefully read and understand installation procedure. Contact Technical Service Department for product assistance.
2) Inspect all shipments and materials for missing or damaged components and hardware. Contact Customer Service with order number and invoice for prompt assistance.
3) Inspect substrate or adjacent construction for acceptance before beginning work. Report unacceptable construction to the project manager for scheduled repair work.

PN: 28049A

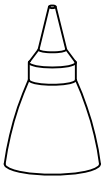
Standard Components



Wall Mount Extrusion
Part Number–27428



*Corner Wall Mount Extrusion
Part Number–27427



**SI 750 Adhesive
Part Number – 27514

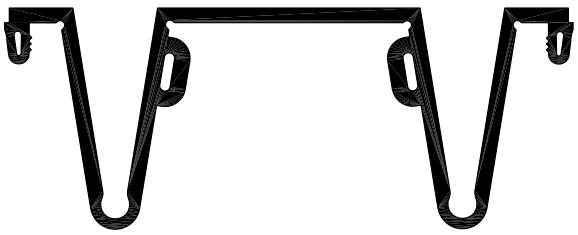
*Components required for corner condition
**Optional components for splice procedures. Place order for required quantities.

Components shown below vary in size depending on model of system

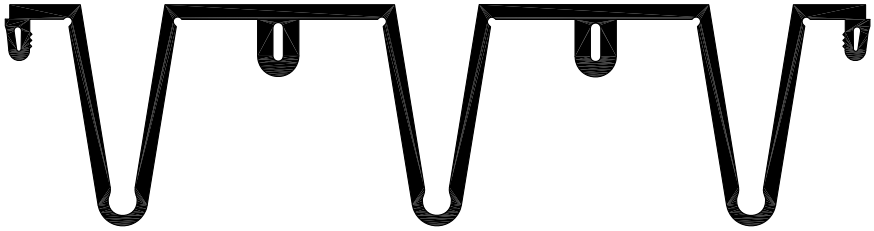
ELCD-200/200W

Seal Part Number				
Model	Black Seal	White Seal	Grey Seal	Beige Seal
ELCD-200/200W	28009	28010	28011	28012
ELCD-300/300W	28013	28014	28015	28016
ELCD-400/400W	28017	28018	28019	28020
ELCD-500/500W	28021	28022	28023	28024
ELCD-600/600W	28025	28026	28027	28028

ELCD-300/300W

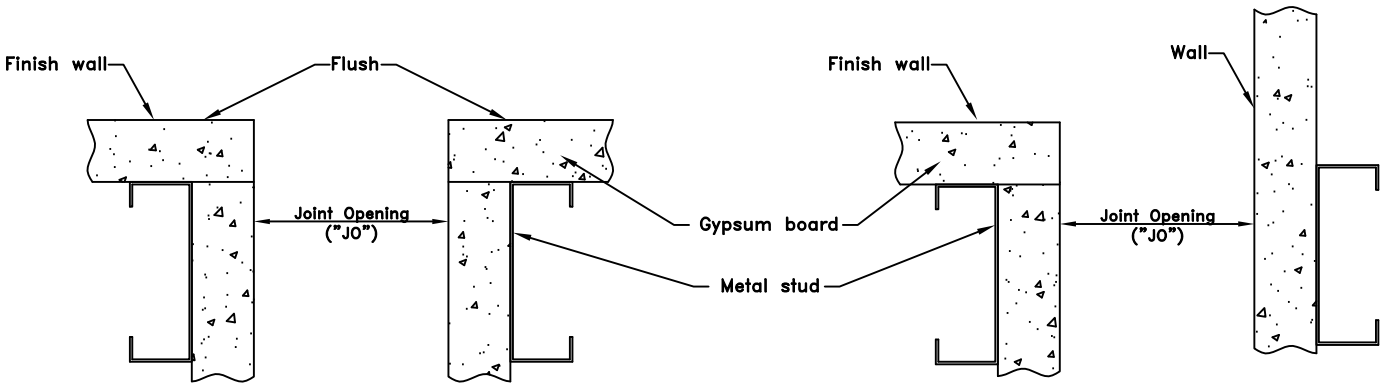


ELCD-400/400W
ELCD-500/500W



ELCD-600/600W

Installation Procedure

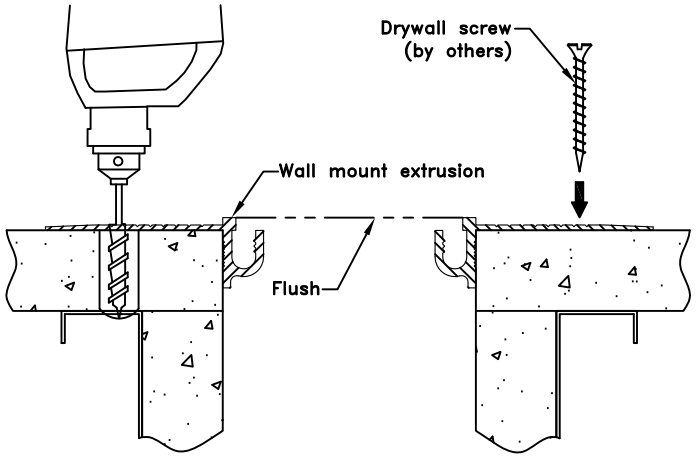


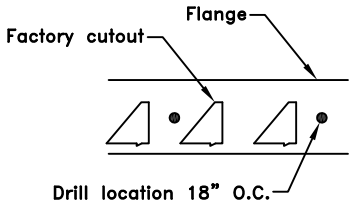
Flush Wall Condition

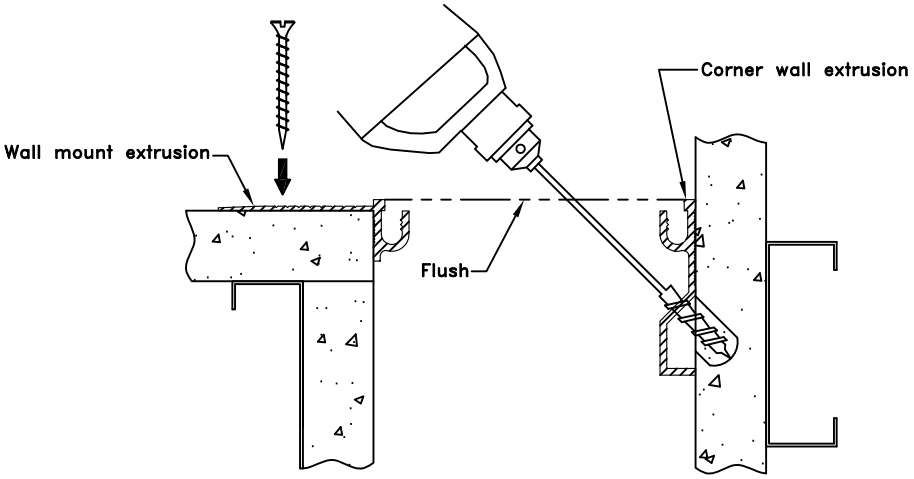
Model	JO
ELCD-200/200W	2"
ELCD-300/300W	3"
ELCD-400/400W	4"
ELCD-500/500W	5"
ELCD-600/600W	6"

Corner Wall Condition

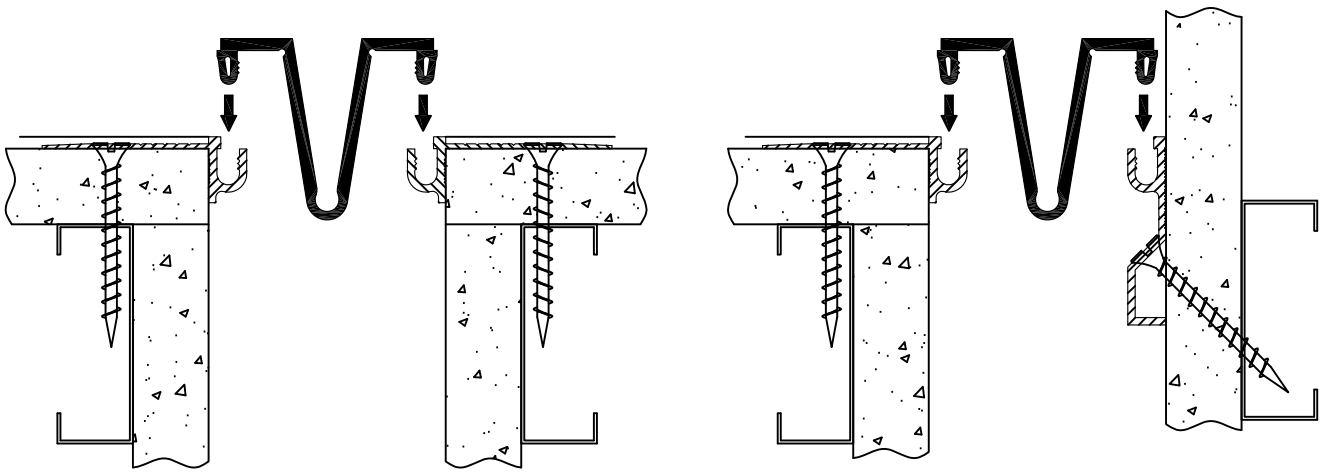
1 Prior to beginning work, installer shal inspect for proper wall construction. Verify joint opening is as called for on chart.



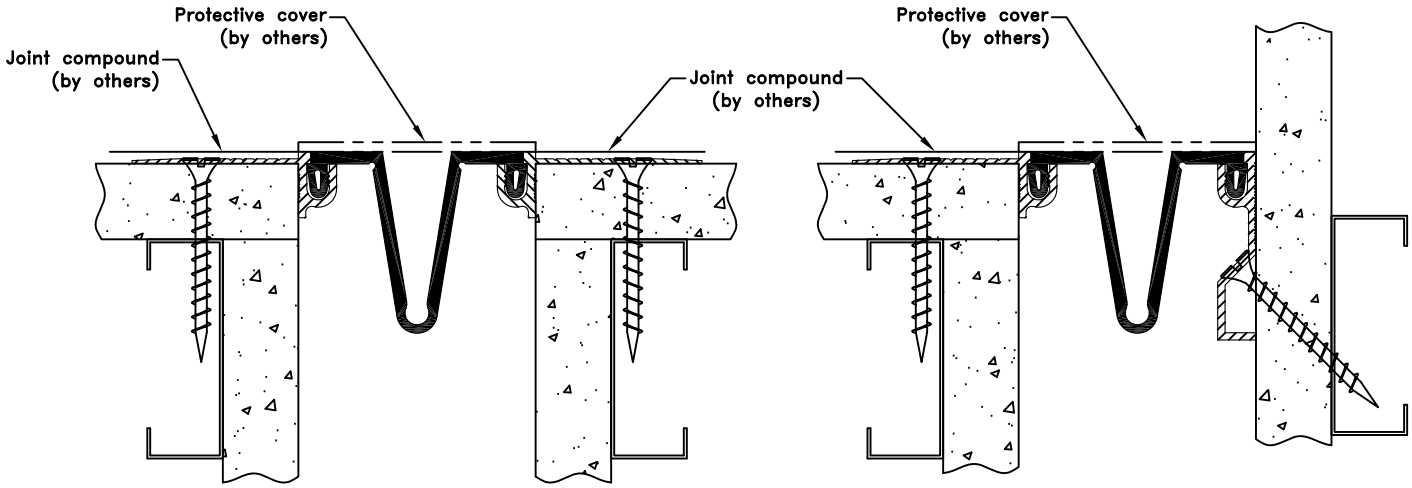




2 Position aluminum extrusions on opening as shown. Use 2" section of seal on both ends of extrusion as guage to ensure proper separation. Drill holes through aluminum flange and metal stud framing for drywall screws @ 18" O.C., starting 6" from ends utilizing a countersink drill. Fasten with drywall screw (by others). Ensure that countersunk heads are sufficiently recessed to allow proper finishing of wall surface.



3 Squeeze or slide elastomeric seal into the cavities of the aluminum extrusion.



4 Apply joint compound to flange and feather smooth. Ensure full compaction of compound into slots and flange areas. Protect seal and finished aluminum surfaces from joint compound.
Note: Clean flanges of any dust, oil or other contaminants prior to applying joint compound.

Suggested Field Splice Procedure

1. Cut ends of seal with a sharp knife and miter box to the desired angle. Insure that cuts are clean and straight.

2. Clean ends of seal with a solvent.

3. Apply SI 750 Adhesive to one of the two seal ends to be bonded.

4. Apply pressure bringing the two surfaces into tight contact immediately after adhesive is applied. Hold in place for one to two minutes for initial bond.

5. Re–Check quality of all splices/miters and apply adhesive as required.

7. It is usually recommended to allow 15 minutes prior to installing seal. To achieve proper working strength care shall be exercised as a result that it takes 24 hours for adhesive to fully cure.