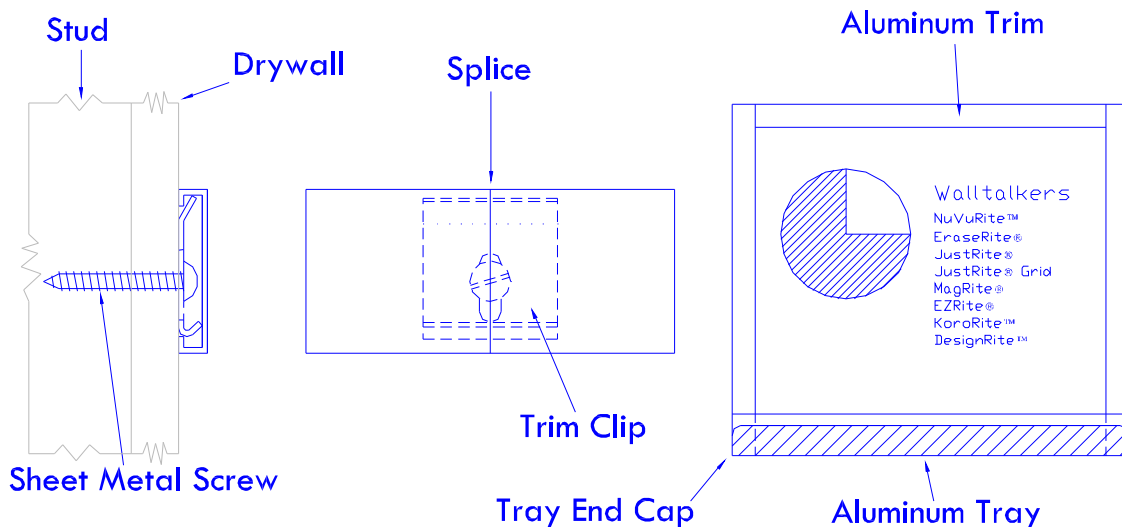


- 1) Examine goods to assure quantity and quality is as ordered. Lay out the work to be completed, including all parts, along the base of the wall. The parts will include those supplied by walltalkers® and those the installer must supply. Walltalkers supplies the extruded aluminum trim and steel mounting clips in the quantities ordered. The installer must supply the hardware, **#10 X 1-1/2" truss head sheet metal screws**, for most installations. **Masonry anchors** and manufacturer specified hardware should be used for concrete and block walls. One screw and/or anchor is required for each mounting clip; clips are installed 16" on center.
- 2) Install aluminum tray before trim. Determine the location of the trim on the wall. Mark the inside dimensions on the wall with something that will not permanently damage that surface. (Ex: If the material being framed is a walltalkers dry erase surface, use a dry erase marker to make the level and plumb lines.) Install the dry erase material and then overlap the edges with the trim. Overlapping will ensure a good edge appearance on the writing surface.
- 3) Using the wall measurements, measure, mark, and cut the aluminum trim pieces to size. Use a miter saw with a **fine tooth carbide tip blade**. Most installations will require a full-length marker tray, terminating at the outside edges of the dry erase material. See diagram below. In those cases, 3 pieces of trim will be required, the top and two side pieces. The bottom of the side pieces will terminate flush with the top side of the marker tray. The cut edges of trim can also be mitered to 45° angles, if desired.
- 4) Install the steel clips 5/32" outside the markings on the wall. The clips should be installed every 16" on center, making solid contact with the wall studs, with the #10 X 1-1/2" screws. If the clip screws do not contact the studs, as with some of the vertically mounted pieces, use plastic wall anchors. The angled side of the clips, i.e. the flat beveled side, should always be mounted toward the ceiling on horizontal runs, rounded edge faces the floor. For vertical runs, the angled side should face the outside walls and the rounded side faces the material being framed.
- 5) Install the trim pieces to the clips. Place the aluminum trim over the angled side of the steel clips; hold the face of the trim at a 45° angle from the wall. Hook the trim piece over the beveled edges of the clips and apply pressure with the heel of the hand to the side not locked in, trim will snap into the locked position. Repeat the same steps with all pieces of trim.
- 6) If a splice is required, follow the detail below. The spliced pieces of aluminum require a clean right angle cut for the joint to have a good appearance. Mount a steel clip on the wall at the splice location, 1/2 of the clip should line up inside each piece of trim.



- 1) Examine goods to assure quantity and quality is as ordered. Lay out the work to be completed, including all parts, along the base of the wall. The parts will include those supplied by walltalkers® and those the installer must supply. walltalkers supplies the extruded aluminum tray, steel mounting clips, and end caps in the quantities ordered. The installer must supply the hardware, **#10 X 1-1/2" truss head sheet metal screws** for most applications and **1/8" diameter X 3/8" grip aluminum pop rivets**. **Masonry anchors** and manufacturer specified screws must be used for concrete or block wall installations. One screw and/or anchor is required for each mounting clip; clips are installed 16" on center.
- 2) Determine the finished length of the marker tray, with or without ends (ex: 96" including ends). Deduct 3-1/2" from the finished length measurement, 1-3/4" for each end cap (ex: 96" - 3-1/2" = 92-1/2"). For wall to wall applications, end caps are not necessary. Using a **fine tooth carbide tip blade** on a radial arm or miter saw, cut a small portion of one end of the aluminum tray at a 90° angle, assuring a square end. From the cut end, measure and cut the opposite end in the same manner.
- 3) Insert the end cap tab into the corresponding open end of the marker tray. Make sure the faces of the end cap and the tray are lined up and tight together; clamp the two pieces if necessary. If using a clamp, place a piece of wood stock between the clamp and the tray to prevent scratches. On the bottom side of the tray, the long flat side, drill a 1/8" hole approximately 3/8" in from the end cap joint, on the tray, about half way between the face and the bottom edge. Drill completely through both the tray and the end cap tab. Use a drill bit that is capable of penetrating aluminum. Insert a 1/8" aluminum pop rivet and grip it down tight. Place another rivet thru the top, 3/8" in from the end cap joint and 3/16" from the back of the tray, on the small flat portion that touches the wall. Follow the same steps for the other end cap.
- 4) Determine the finished height, top of the tray, and side-to-side location for the tray on the wall. Snap a level chalk line 3/32" below the finished height. Line up the top of the steel mounting clips, i.e. the flat beveled side, to the chalk line. Mount using condition appropriate hardware, as noted in step 1, 16" on center into the wall studs, wood blocking, or masonry. **Toggle bolts** or similar hardware may be substituted at locations where studs cannot be located. Install clips 4" in from each outside edge of the end caps, since ends will not snap over clips; center the screw hole at that location. Snap tray cover over the clips, may require two installers for longer lengths. Hook the top back edge over the tops of the clips and apply downward pressure to lock the tray in place.
- 5) If a splice is required, follow the detail below. The spliced pieces of aluminum, like the ends, require clean right angle cuts for the joint to have a good appearance. Mount a steel clip on the wall at the splice location, 1/2 of the clip should line up inside each piece of tray. If also installing aluminum trim, use a 4" piece of trim (splice bracket), mount inside the tray. If no aluminum trim is available, any piece of 1-3/4" X 4" piece of aluminum or steel will work. Clamp the splice bracket inside one of the pieces of tray, about half way between the face and bottom edge. One inch in on the tray about half way between the face side and the bottom, drill an 1/8" hole. Drill through both tray and bracket. Insert the 1/8" aluminum pop rivet and grip tight. Repeat for attaching the second piece of tray, making sure both pieces are tight together.

