

Volterra HDF Beam Installation

- Start with clean, sound substrate; if applying over a painted surface ensure that the paint is load bearing. Figure out the desired layout for all beams. Mark the inside dimension of each beam on the ceiling at each end and one mark in the center of the room. Chalk lines for each inside dimension of the beam.
- Using a 3/32" drill bit, pre-drill holes 24" on center through the 2" x 2" KD nailing strips. Place nailing strip on the inside of the chalk line and re-drill through each hole to mark the spot to accept the drywall anchor. Pull the nailing strip down and screw in the drywall anchors. Apply a 1/4" continuous bead of PL Premium® Polyurethane Construction Adhesive to the back side of the nailing strip. Place the nailing strip back on the ceiling and attach with 3" deck screws to the drywall anchors (start 4"-6" off the wall and space 24" on center).
- If the beam being installed is 8" in height measure down the wall 8" on each wall and measure the length from wall to wall. Also measure from inside corner to inside corner – these 2 measurements are usually different. Square up one side of the beam and then mark and cut beam to the longer of the 2 measurements. Most beams from the factory are not square at each end. Square up one end then measure and mark for length using the longer of the 2 lengths. Use a framing square and draw a line on all 3 sides of the beam to be cut. Use a standard wood hand saw and slowly cut through the beam. If the beam was fabricated – be aware of screws that may have been used to manufacture the beam. Using a 80 grit sanding block “back cut each end of the beam.
- Dry fit beam in place over 2x material.
- Pull beam back down and apply adhesive too the sides of the 2" x 2" nailing strips.
- Reinstall beam and fasten with DeckWise colored trim head screws 24" on center (minimum). 16 gauge finish nails is also acceptable if the beam is 2 lbs per L/F or less.