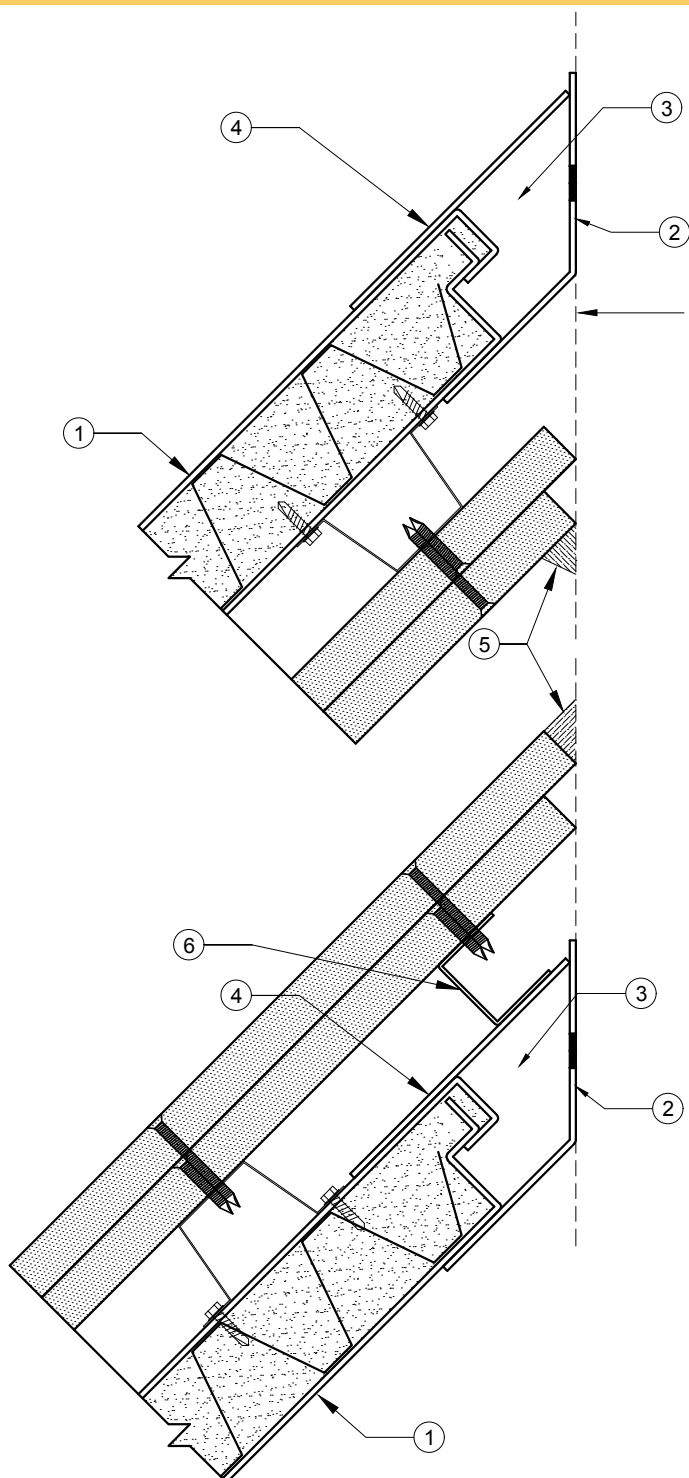


Trussbilt, LLC End of Wall Joint Detail

Detail No. E42

Investigated by Intertek for compliance with applicable requirements. For use with Trussbilt's Fire Rated Wall Panel System TBL/MWP 120-04.



1. Trussbilt fire rated wall panel TBL/MWP 120-04 (2 hour rating)
2. 12 gauge (minimum) A60 or 409SS wall channel:
 - Concrete / Masonry Substrate: prepared with holes for 3/8" (minimum) diameter mechanical anchors at 18" o.c. (maximum)
 - Steel Wall Panel Substrate: Prepared for 3/8" (minimum) plug weld holes located 18" o.c. (maximum).
 - Gypsum / Metal Stud Substrate: No attachment anchors required. Channel butted tight to ensure no gaps to adjacent wall construction and weld to metal panel only.
3. Cavity between end of wall panel and trim can be void of material or filled with rockwool insulation (4 PCF compressed 50% minimum).
4. 12 gauge (minimum) A60 or 409SS wall closure plate welded to wall panel and wall channel.
5. Seal with Hilti Firestop sealant CP606 or Hilti Firestop sealant FS-One.