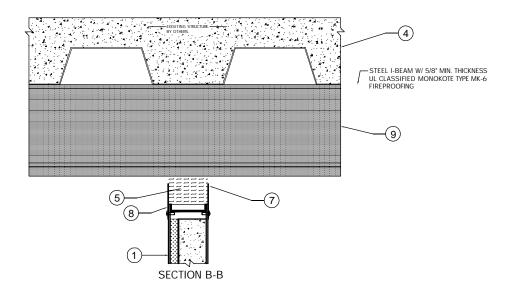
Trussbilt Manufacturing Top of Wall Joint Detail Detail No. T08

Wall parallel to floor decking w/ intersecting I-beam - non-load bearing wall. Investigated by Intertek for compliance with applicable requirements. For use with Trussbilt's Fire Rated Wall Panel System TBM/MWP 60-01 or TBM/MWP 120-01 For use with non-bearing wall installations.



- Trussbilt fire rated wall panel TBM/MWP 60-01 (1 hour rating) or TBM/MWP 120-01 (2 hour rating)
- Continuous 2-1/2" x 4" x 12 gauge (min.) A60, 409SS or 304SS w/ 9/16" Ø holes at 6" O.C. (max.).
- 3. 1/2" x 2-1/2" min. concrete anchor to existing ceiling, both ends of strap.
- 4. Fire rated ceiling/floor assembly fluted decking parallel to wall run.
- 5. Mineral wool safing, min. 4 PCF density, compressed 50%, flush w/ wall surfaces.
- 6a. 4" x 10 gauge strap cut to length to span the flute and overlap the adjacent valleys by 1-1/2" minimum. Located maximum 24" O.C. and fastened to floor assembly with appropriate Hilti anchors.

- 6b. 4" x 10 gauge galv. strap with (2) 9/16" Ø holes located 1" from each end. Locate strap 18" O.C. maximum along wall run when wall is parallel or perpendicular but doesn't line up with a decking flute.
- Minimum 1/8" (wet) thickness Hilti CFS-SP WB or equivalent firestop joint spray to completely cover mineral wool, overlapping minimum 1/2" onto wall panel straps & metal deck. Both sides.
- Sheet metal cover plate, minimum 18 gauge, attached to panel face both sides w/ 8-32 or 10-32 screws, 6" maximum O.C.
- Steel I-beam w/ 5/8" minimum thickness UL classified Monokote type MK-6 fireproofing.
- 10. Hilti CP777 Speed Plugs or equivalent, friction fitted to completely fill flute.