

Grabber Construction Products, Inc.

Design No. JWA/PV 120-09

Metal Decking to Vertical Wall Assemblies

GrabberGard EFC, GrabberGard IFC, and GrabberGard EFS

Test Standards: UL 2079, ULC S115

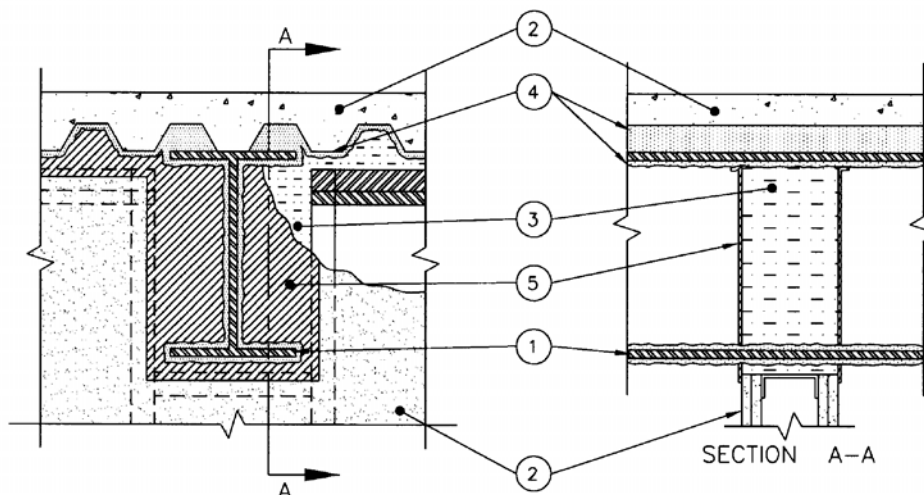
Test Furnace Internal Positive Pressure Differential – 2.5 Pa (0.01 in. of water) Minimum

Max. Joint Width at Top of Wall – 3/4 in. (19mm)

Joint System Cycled 500 Times at 10 Cycles Per Minute – 33% Compression or Extension

Ratings: 2 Hour

Test Standard	"F/FH" Rating	"T" Rating
UL 2079	Up to 2 Hour	Up to 2 Hour
ULC S115	Up to 2 Hour	Up to 2 Hour



1. PENETRATING ITEM: Steel beam or open-web steel joist, as specified in the individual roof/ceiling or floor/ceiling design, used to support fluted steel deck. Structural steel support oriented perpendicular to wall assembly. Where open-web steel joists pass through the fire rated wall, 3/8 in. diamond mesh expanded steel lath, having a nominal weight of 1.7 to 3.4 lbs per sq. yd., shall be secured to one side of each joist with galvanized steel tie wire and the lath shall be fully covered with spray-applied fire resistive material applied in accordance with the specifications in the individual roof/ceiling or floor/ceiling design.

2. ROOF/CEILING OF FLOOR/CEILING FIRE SEPARATION: 1 or 2 hour ASTM E-119 or CAN/ULC S101 fluted steel deck (GWB) roof/ceiling or floor/ceiling assemblies.

WALL ASSEMBLY: 1 or 2 hour ASTM E-119 or CAN/ULC S101 metal framed gypsum wall board (GWB) wall assemblies with a double top track consisting of a single top track with a deflection channel or slip track.

The hourly rating of the joint system is equal to the lesser hourly rating of either the roof/floor/ceiling or the wall assembly.



3. FIRESTOP SYSTEM, COMPONENT 1: Filler material, min. 4-6 PCF (68 kg/m³) density mineral wool insulation at a min. depth of 6-1/8 in. (157mm) compressed into each flute opening in the steel deck and into the framed beam opening in the wall assembly flush with both sides of the wall assembly.

4. FIRESTOP SYSTEM, COMPONENT 2: Cafco 300 or WR Grace Type MK-6/HY applied to the underside of the roof/ceiling or floor/ceiling assembly and all surfaces of the structural steel support. Spray-applied in accordance with the specifications in the individual roof/ceiling or floor/ceiling design.

5. FIRESTOP SYSTEM, COMPONENT 3:

METHOD 1 – Spray or Brush: One heavy coat of Grabber Construction Products, Inc. – GrabberGard EFS*, 1/16 in. (60 mil) dry thickness, on both sides of the assembly, fully covering all voids and overlapping a min. of 1 in. (25mm) onto the metal deck, steel beam, and wall assembly.

METHOD 2 – Caulk: Min. 1/8 in. (3mm) thickness of Grabber Construction Products, Inc. – GrabberGard EFC* or GrabberGard IFC*, applied between the gypsum wall board and spray applied fire resistance material on both sides of the assembly, fully covering all voids and overlapping a min. of 1/8 in. (3mm) onto the metal deck, steel beam, and wall assembly.

*WH Labeled Component