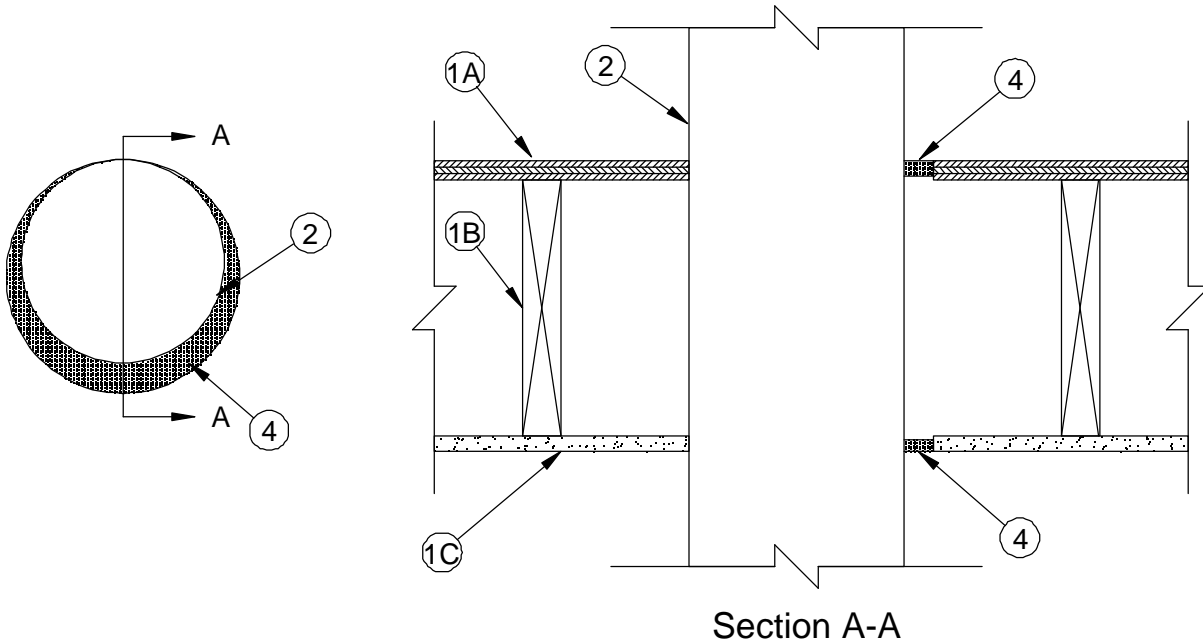


System No. F-C-7046

August 2008
 F Rating — 1 Hr
 T Rating — 1/2 Hr
 (UL/cUL)



Section A-A

1. **Floor-Ceiling Assembly** — The 1 hr fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory. The general construction features of the floor-ceiling assembly are summarized below:
 - A. **Flooring System** — Lumber or plywood subfloor with finish floor of lumber, plywood or **Floor Topping Mixture*** as specified in the individual Floor-Ceiling Design. Max diam of floor opening is 11 in. (279 mm).
 - B. **Wood Joists*** — Nom 10 in. (254 mm) deep (or deeper) lumber, steel or combination lumber and steel joists, trusses or **Structural Wood Members*** with bridging as required and with ends firestopped.
 - C. **Gypsum Board*** — Nom 4 ft wide by 5/8 in. (16 mm) thick as specified in the individual Floor-Ceiling Design. Max diam of ceiling opening is 11 in. (279 mm).
2. **Steel Duct** — Max 10 in. (254 mm) diam. No. 30 ga. (or heavier) galv steel duct to be installed either concentrically or eccentrically within the firestop system. The space between the steel duct and periphery of opening shall be min 0 in. (point contact) to max 1 in. (25 mm). Steel duct to be rigidly supported on both sides of the floor-ceiling assembly.
3. **Forming Material** — (Optional) - Foam backer material firmly packed into opening as a permanent form. Forming material to be recessed from top surface of floor or sole plate and bottom surface of ceiling or lower top plate of chase wall assembly as required to accommodate the required thickness of fill material.
4. **Firestop System** — Min 1/2 in. (13 mm) thickness of sealant applied within the annulus flush with the top surface of the floor. Min 3/8 in. (10 mm) thickness of sealant applied within the annulus flush with the bottom surface of gypsum board ceiling.

TREMCO INC — TREMstop Intumescent Acrylic, FyreCaulk, or TREMstop IA+

*Bearing the UL Classification Mark



Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc.
 Copyright © 2008 Underwriters Laboratories Inc. ®

Tremco Commercial Sealants & Waterproofing

3735 Green Road, Beachwood, OH 44122 // Phone: 216.292.5000 // 800.321.7906
 220 Wicksteed Avenue, Toronto, ON M4H 1G7 // Phone: 416.421.3300 // 800.363.3213
 1451 Jacobson Avenue, Ashland OH 44805 // Phone: 419.289.2050 // 800.321.6357