FyreWrap® Elite® 1.5 Duct Insulation
Through Penetration Firestop System
Intertek Design Nos. UNI/FRD 120-21, 120-23, 120-24
Per ISO 6944, ASTM E119, & ASTM E814

- F Rating = 2 Hr
- T Rating = 2 Hr

Legend:
1. Concrete Floor Assembly, 4½” depth
2. HVAC duct, min 26 gauge, 1296 sq. ft. area, max 34” width, and built per SMACNA HVAC Duct Construction Standards
3. FyreWrap® Elite® 1.5 Duct Insulation, One Layer
4. Unfaced FyreWrap® Elite® 1.5 Blanket, 4½” depth
   Compressed 33%
5. STI SpecSeal SSS, 1/¾”
   Plus ½” overlap on concrete and duct insulation
6. Annular Space, 1” to 2”
7. Duct Reinforcement: ⅛” thk. steel angle (1” tall vertical leg x horizontal leg dim. at least equal to width of annular space)
   Attach using ⅛” dia. steel pop-rivets. Spaced max 6” O.C.
   OR
8. or Min. ⅛” thk. steel plate over the firestop sealant
   (compressing ductwrap ⅛” and extending onto floor surface 2”)  
   Attach with ⅛” dia. concrete screws, spaced 6” O.C.