

Field Installation

Installation

Firestik requires only the positive attachment of power actuated friction fit or mechanical fasteners providing easy installation.

- 1) Select the appropriate profile to accommodate specified deflection of the joint
- 2) Locate Firestik with intumescent facing towards the outer face of wall or wall sheathing
- 3) Attach to overhead in such a manner that the protruding rib of the steel angle is in contact with wall or wall sheathing
- 4) Install adjoining pieces with construction joints of individual pieces (intersecting or aligned) in “butted” contact
- 5) Corners can be installed by cutting only the horizontal leg and protruding rib and forming (bending) around outside or inside corners
- 6) Attachment to flat concrete or bare metal deck use min 3/4” power actuated fasteners or concrete anchors a max 24” O/C
- 7) Attachment through a max 1/2” thick fire proof coating use min 1.25” power actuated fasteners or concrete anchors with washers a max 24” O/C
- 8) Metal to metal attachment use min. No. 6 framing screws a max 24” O/C

Manufacturer recommendations

- 1) When using Firestik with pan deck overhead, install in accordance with specifications of UL or WH approved assemblies providing protection of “flutes” with fire proofing or mineral wool “stuff only”
- 2) Attach Firestik during “top track” or “top sheet” installation
- 3) “Top out” at least one side of wall with Firestik installed prior to MEP installation
- 4) If construction gap occurs at “butted joints” provide additional ambient leakage seal by covering gap with acoustical caulk

Benefits of “Topping Out” rated partitions prior to MEP installation

- 1) Reduce number of unsupported “Field Installation Joints” created to frame around installed penetrations
- 2) Eliminate additional fire taping of “Field Joints”
- 3) Keep integrity of fire-rated partition and provide consistent gypsum protection around and above penetrations
- 4) Reduce increased possibility of smoke propagation through additional joints
- 5) Lock framing in place

