

# CLIV.R38040 - Wall-opening Protective Materials

## Wall-opening Protective Materials

**STC Architectural Products L L C dba STC Sound Control**

R38040

1200 NORTHLAND AVE  
BUFFALO, NY 14215 United States

**STC Intumescent Insert** for use with max 2-1/8 by 4 by 2-1/8 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 2 h fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 47 mm wide by 71 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Installation to comply with the National Electrical code, (NFPA 70). Outlet boxes installed with steel cover plates. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back- to-back.

**STC Intumescent Insert** for use with max 4 by 4 by 2-1/8 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 2 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 94 mm wide by 95 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Installation to comply with the National Electrical Code, (NFPA 70). Outlet boxes installed with steel cover plates. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back- to-back.

**STC Intumescent Insert** for use with max 4-1/2 by 8-1/2 by 1-5/8 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 2 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. Two 94 mm wide by 95 mm high inserts are evenly spaced and adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Installation to comply with the National Electrical Code, (NFPA 70). Min 3/4 in. deep plaster rings installed over outlet box. After installation of gypsum board, nom 1/4 in. thickness of RectorSeal Metacaulk 1000 or Biostop 500+ Sealant, bearing the UL Classification Marking for Fill, Void or Cavity Materials, applied between the base layer of wallboard and the plaster ring. Outlet boxes installed with steel cover plates. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within and around outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with max 4 by 4 by 1-1/2 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 1 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep wood studs and with max 4 by 4 by 2-1/8 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 1 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 94 mm wide by 95 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Installation to comply with the National Electrical Code, (NFPA 70). Outlet boxes installed with plastic cover plates. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with 4-11/16 by 4-11/16 by 2-1/8 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 1 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 111 mm wide by 111 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Smaller sized inserts may be cut and combined to achieve the 111 mm by 111 mm coverage and adhered to the interior back wall of the outlet box. Installation to comply with the National Electrical Code, (NFPA 70). A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. Outlet boxes installed with plastic or steel cover plates. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with 4-11/16 by 4-11/16 by 2-1/8 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 2 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 111 mm wide by 111 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Smaller sized inserts may be cut and combined to achieve the 111 mm by 111 mm coverage and adhered to the interior back wall of the outlet box. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. Installation to comply with the National Electrical Code, (NFPA 70). Outlet boxes installed with steel cover plates. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with max 3-3/4 by 5-1/2 by 2-1/2 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 1 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel or wood studs and constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 94 mm wide by 95 mm high and one 47 mm wide by 71 mm high inserts adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Installation to comply with the National Electrical Code, (NFPA 70). Outlet boxes installed with steel cover plates. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with 4-3/8 by 4-7/8 by 2-1/4 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 1 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 111 mm wide by 111 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Smaller sized inserts may be cut and combined to achieve the 111 mm by 111 mm coverage and adhered to the interior back wall of the outlet box. Installation to comply with the National Electrical Code, (NFPA 70). Outlet boxes installed with plastic or steel cover plates. A max 3/8

in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert**, for use with 4-3/8 by 4-7/8 by 2-1/4 in. deep flush device UL Listed Metallic Outlet Boxes without internal clamps in 2 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 Series Wall and Partition Designs in the Fire Resistance Directory. One 111 mm wide by 111 mm high insert adhered to the interior back wall of the outlet box in accordance with the installation instructions supplied with the product. Smaller sized inserts may be cut and combined to achieve the 111 mm by 111 mm coverage and adhered to the interior back wall of the outlet box. Installation to comply with the National Electrical Code, (NFPA 70). Outlet boxes installed with steel cover plates. A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with max 4-11/16 by 4-11/16 by 2-1/8 in. flush device UL Listed Metallic Outlet Boxes installed with steel mud rings and plastic or steel cover plates in 1 h or 2 h fire rated gypsum board wall assemblies framed with min 3-1/2 in. deep wood or steel studs and constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the Fire Resistance Directory. Min 3-1/2 in. thick fiberglass (min 0.5 pcf) or mineral wool (min 4.0 pcf) batt insulation is to be installed within the wall cavity. One 4-3/8 by 4-3/8 in. insert adhered to the interior back wall of the outlet box in accordance with the instructions supplied with the product. Installation to comply with the National Electrical Code (NFPA 70). A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When protective material is used within outlet boxes on both sides of the wall as directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in. provided that the boxes are not installed back-to-back.

**STC Intumescent Insert** for use with max 4-11/16 by 4-11/16 by 2-1/8 in. flush device UL Listed Metallic Outlet Boxes installed with steel mud rings and plastic or steel cover plates in 1 h fire rated gypsum board wall assemblies framed with min 6 in. deep wood or steel studs and constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the Fire Resistance Directory. Nom 6-1/2 in. thick fiberglass insulation (min 0.5 pcf) is to be installed within the wall cavity. One 4-3/8 by 4-3/8 in. insert adhered to the interior back wall of the outlet box in accordance with the instructions supplied with the product. Installation to comply with the National Electrical Code (NFPA 70). A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. When back to back boxes are inter connected a 1/4 in. depth of Metacaulk 1000 in the open end of each conduit of the box.

**STC Intumescent Insert** for use with max 4-11/16 by 4-11/16 by 2-1/8 in. flush device UL Listed Metallic Outlet Boxes installed with steel mud rings and plastic or steel cover plates in 1 h or 2 h fire rated gypsum board wall assemblies framed with min 5-1/2 in. deep steel studs and constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall and Partition Designs in the Fire Resistance Directory. One 4-3/8 by 4-3/8 in. insert adhered to the interior back wall of the outlet box in accordance with the instructions supplied with the product. Installation to comply with the National Electrical Code (NFPA 70). A max 3/8 in. diam opening at one edge may be provided to permit access to the electrical box ground screw. Boxes may be installed within the same stud cavity, back-to-back. When back-to-back boxes are inter connected, a min 1/4 in. thickness formed plug of Putty Pad or Metacaulk 1000 shall be installed in the open end of each conduit of the box.

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