

Product Description

The **STC INTUMESCENT INSERT™** is an electrical outlet box insert, a one component fire rated pad that is placed on the inside back wall of an electrical box. It is a highly intumescent firestop material that, when exposed to fire, expands to form a char that will seal off the opening and prevent the spread of flames and limit the temperature rise on the unexposed surfaces.

Applications

FIRE PROTECTION:

The **STC INTUMESCENT INSERT™** is certified and listed by Underwriters Laboratories as a wall opening protective material. It can be used for outlets in 1-hour and 2-hour fire-rated partitions to meet the "24-inch rule" (IBC 714.3.2 Exception 1.5). Fire partitions are typically used as demising walls in multifamily apartments and other residential construction.

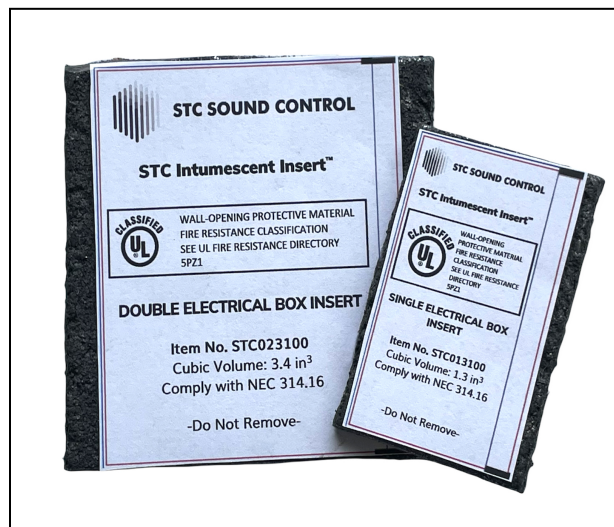
NOISE CONTROL:

The **STC INTUMESCENT INSERT™** provides minimal improvement for sound isolation, similar to putty pads and other outlet box inserts. Use the **STC BOX SEAL™** for high performance acoustical sealing of recessed electrical outlets.

Specifications

Include in Section 262726 "Wiring Devices" or in Section 078413 "Penetration Firestopping":

Electrical Outlet Box Insert: Manufacturer's standard intumescent firestop material to fit interior of metal outlet boxes; tested per UL 263/ASTM E-119 and certified as a wall opening protective material; **STC Intumescent Insert**.



Installation

Make sure rear interior surface of outlet box is clean, dry and not contaminated. Remove protective paper from tape and stick pad to inside back wall of electrical box prior to installing wires or devices. Center pad from top and bottom of box. Use the single pad for a single box (2" x 3"), and double pad for a double box (4" x 4"). Limit wire number and size to comply with NEC 314.16 (formerly 370.16) or other applicable codes.

Availability

Single (1-Gang) for 2x3 outlet boxes.
Double (2-Gang) for 4x4 outlet boxes.

The Intumescent Insert is sold directly from our website www.stcsoundcontrol.com. Contact us at info@stcsoundcontrol.com or phone (716) 839-0900 with questions.

Product Data and Submittal Sheet

STC Intumescent Insert™

Project Information

Performance & Physical Properties

Nominal Thickness: 1/4-inch
Volume: Single 1.3 in³; Double 3.4 in³
Fire Protection (UL 1479): Certified and listed as a *wall opening protective material* by Underwriters Laboratories.

Maintenance

No maintenance is expected.

Limitations

When the STC Intumescent Insert is used in 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 inches provided that the boxes are not installed back-to-back.

Safe Handling Information

No special precautions required. Consult the Material Safety Data Sheet (MSDS) for complete information.

Warranty:

STC Architectural Products warrants that the Intumescent Insert will be free from defects in material and manufacture. STC makes no other express or implied warranties.

Approval Stamp