



INSTALLATION INSTRUCTIONS

STC INTUMESCENT INSERT



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



INSTALLATION INSTRUCTIONS

STC BOX SEAL



Figure 1: Front View

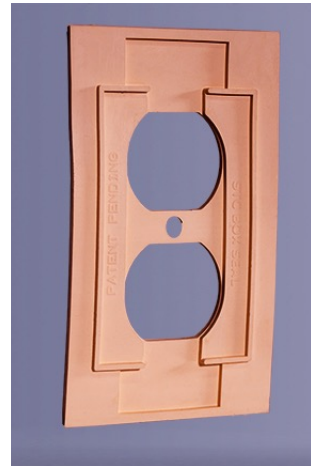


Figure 2: Back View

1. The Box Seal edges must be flush to the gypsum board, with no gaps, for best performance.
 - a. Wall plate size must match the seal, 2.75" x 4.5" for one-gang, 4.5" x 4.5" for two-gang.
 - b. A device cover, a.k.a. plaster ring or mud ring, is permitted. The face of the device cover, or the square-cornered outlet box, must be slightly recessed from the wall surface to prevent any interference with the ribs on the back of the Box Seal.
 - c. The opening in the gypsum board should allow the ribs on the back of the seal to sit within the opening, 2.25" x 3.25" for one-gang, 4" x 3.25" for two-gang.
 - d. Remove any paper burrs from the cut edge of the gypsum board opening that may interfere with a smooth, tight fit to the wall.
2. With the electrical device installed and the wall plate removed, place the seal over the outlet box with the device protruding through the precut opening in the seal.
 - a. The front of the Box Seal faces the wall plate and has long recesses for stiffening ribs on some manufacturer's wall plates to fit without warping. **NOTE:** Cooper (Arrow Hart, Eaton) wall plates for **duplex outlets** should not be used.
 - b. The back of the Box Seal faces into the outlet box. It has ribs that fit snugly to the device cover, or into the annular space of the opening for the outlet box.
3. Fit the wall plate over the seal and hold in place with plate-securing screws.
 - a. Use ½" long 6-32 oval head screws if screws that come with wall plate are too short to fit into the device.
4. Tighten screws to pull the device flush with the wall plate and the wall plate snug against the face of the gypsum board.