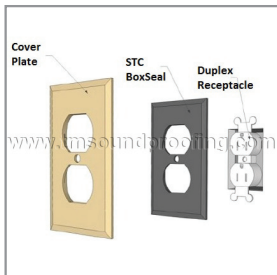


About the STC Box Seal



The BOX SEAL is a preformed acoustical seal for outlet boxes made of specially-molded fire resistant neoprene in similar size and configuration as a cover plate for a recessed electrical device. It is a gasket that fills the gaps between the cover plate and the wall surface and between the electrical device and the cover plate. It is held tightly against the wall surface by the cover plate.



Applications

- Private offices
- Conference rooms
- Personnel offices
- Patient rooms
- Hotel rooms & bathrooms
- Tenant demising partitions
- Consultation rooms
- Medical exam rooms
- Classrooms
- Auditoriums
- Theaters
- Teleconference rooms
- Band rooms
- Fabrication areas
- Laboratories
- Mechanical equipment rooms

Benefits

- Matches or exceeds the performance of any acoustical sealant currently on the market as proven by independent tests.
- Seals around the device as well as the outlet box where sealants only treat the perimeter of the box.
- No waste, no tossing-out of half-used tubes of sealant.
- Easier and quicker to install than sealants, with no preparation of surfaces, mess or cleanup required and significantly lower labor cost.
- Almost limitless shelf life compared to sealants, with no temperature limitations for storage or installation.
- No hazardous products compared to sealants, some of which irritate the respiratory tract, eyes or skin. The Box Seal does not contain polybutene, petroleum distillates, or airborne carcinogens.
- Outperforms simple fiber or foam gaskets currently on the market for sound isolation.
- Easily removed and reinstalled with the cover plate, offering access to wiring.
- Used not only in new construction, but also as a retrofit sound control improvement for electrical outlet boxes currently in use.

Physical Properties

- | | |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| • Color: Beige | • Limitations: None |
| •Custom Colors Available | • Surface Burning (ASTM E84): Class A |
| • Nominal Thickness: 1/16 inch | • Sound Transmission (ASTM E90): Increases STC of recessed outlets from STC-19 to STC-26. |
| • Shelf Life: 100 years or more. | • Safe Handling Information: No special precautions required |
| • Storage: Unaffected by heat, cold, humidity or other typical environmental conditions. | |



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SOUNDPROOFING

STC BoxSeal

Data Sheet

Standard Designs



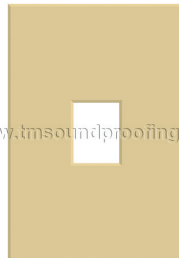
Duplex



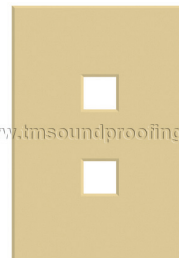
Toggle Switch



Decora



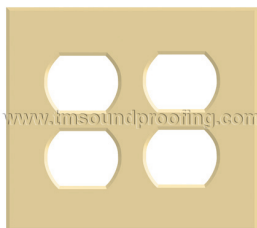
Single Data /
Phone Terminal



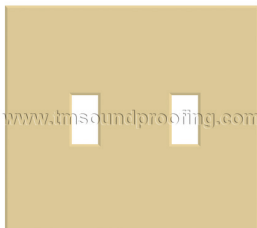
Double Data /
Phone Terminal



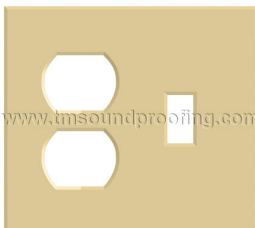
Single Blank



Duplex Pair



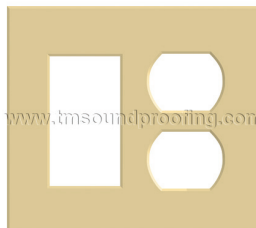
Toggle Switch Pair



Duplex / Toggle



Decora Pair



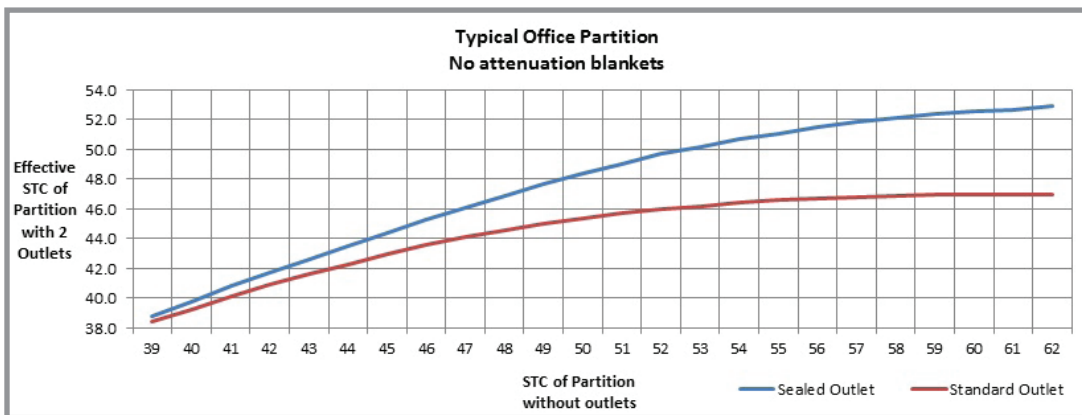
Decora / Duplex



Double Blank

*All designs available in Standard, Mid / Jumbo and Oversized Versions and is compatible with all standard manufacturers. Custom designs are also available. See our website for more details.

Field Test



Preformed Acoustical Seal for Outlet Boxes: Manufacturer's standard molded neoprene, durometer A-40 complying with ASTM D 2000, formed and cut to fit the electrical device and outlet box. Product effectively increases the STC of outlet boxes by 6 db as demonstrated by testing representative assemblies according to ASTM E 90 (Small Scale Test).

Typically Specified Master Format (2004):

Section 079200 "Joint Sealants" for most projects, allowing assignment by the General Contractor or Construction Manager

Related Sections:

Section 099123 "Interior Painting" for small renovations
Section 262726 "Wiring Devices" where the installation of electrical device and cover plate is not to be interrupted by another contractor

www.tmsoundproofing.com

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