



Knight-Celotex Fiberboard™
a Knight Company

SoundStop® Installation Guide

1. How do I install SoundStop® on walls and ceilings over my existing drywall?

- First make sure that all light switch and electric outlet covers are removed.
- Walls must be free of any objects sticking out of the walls and ceiling.
- Proper size mud rings must be installed to electrical boxes before securing SoundStop®.
- Apply SoundStop® by using drywall screws or drywall nails that are long enough to penetrate the wall stud or ceiling joist $\frac{3}{4}$ ".
- Place a drywall nail or screw in each corner of SoundStop® and nails or screws across the middle of each board. Then apply a bead of acoustical caulk where SoundStop® meets the ceiling and the sides of the walls and the floor. Always secure nails or screws to studs.
- Install the second layer of drywall in the opposite direction of SoundStop® making sure that SoundStop® and the drywall seams do not line up. This will help prevent the transmission of sound. Be sure that the proper size drywall nails or screws are used during the installation. Nails and screws must be secured to studs whenever installing drywall over SoundStop®.
- Use regular drywall nailing pattern to install the drywall, making sure that the drywall screws or drywall nails are long enough to penetrate the drywall and SoundStop® and enter the ceiling joist or the wall stud $\frac{3}{4}$ ".
- Maximize use of full SoundStop® boards to minimize the number of seams.

2. What is the best way to install SoundStop® in new construction?

- First Apply SoundStop® vertically with the studs, using proper size drywall nails or screws.
- Place a drywall nail or screw in each corner of SoundStop® and one nail or screw in the middle of each board. Then apply a bead of acoustical caulk where SoundStop® meets the ceiling and the sides of the walls and the floor.
- Next, install the drywall horizontally using the standard drywall nailing patten. Always secure nails or screws to studs.
- Maximize use of full SoundStop® boards to minimize the number of seams.

3. How do I install SoundStop® on ceilings in new construction?

- First put SoundStop® on the ceiling running parallel with the joists.
- Next put one drywall nail or drywall screw in each corner of the SoundStop® and a row of drywall nails or drywall screws across the middle of each SoundStop® sheet. If the outside edges of SoundStop® are not secure, more nailing may be required.
- Try to use as many full sheets of SoundStop® as possible to minimize the number of seams.
- Install drywall horizontally to SoundStop® ensuring that no seams of the drywall and SoundStop® line up. This will help isolate the sounds.
- When installing drywall ensure that drywall nails or drywall screws are long enough to penetrate the drywall and SoundStop®. Drive into the ceiling joist at least ¾”.
- The drywall nail or drywall screw length will vary depending on the thickness of the drywall. Multiple layers also will change the length of the drywall nails or drywall screws.
- Run a bead of acoustical caulking around the edges of the ceiling before starting the walls. Make sure proper width mud rings are installed to the electrical boxes before SoundStop® and drywall are installed.

4. Can carpet be installed directly over SoundStop® in a flooring installation?

- No. SoundStop® is not a structural product. Wood sleepers measuring 1” x 3” and a 5/8” plywood underlayment must be installed on top of the SoundStop® before the carpet is laid.