# STC SOUND CONTROL

Installation Guide for the STC ACOUSTIC PAD<sup>™</sup>





### METHOD 1: WOOD FRAMING NO PARTITIONS

This method installs the system continuously over the entire floor plate prior to any partitions.

### STEP 1:

#### INSTALL BEARING STRIPS

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### Nail ¼" thick bearing strips at perimeters and at load-bearing partition locations.

**Note**: Bearing strips are used wherever load-bearing walls or shear walls are to be installed – creating continuity of solid structure to transfer the loads. Cut strips from ¼" wood panels.



This method installs the system continuously over the entire floor plate prior to any partitions.

#### STEP 2: ADHERE PADS TO PANELS

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#### Brush / roll adhesive onto pads and place on panels at locations indicated. Precision is not necessary except at trailing edge locations of panels.

**Note**: For residential floor loads spacing of pads is 24" on center in long direction, 16" in short direction, with pads at 8" on center at square edge.



This method installs the system continuously over the entire floor plate prior to any partitions.

#### STEP 3:

ADHERE PANELS

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### Apply adhesive on bottom of pads and place panels on deck. Overlap pads at both trailing edges to support adjacent panels.

**Note**: Tongued edge is leading, groove is trailing, on  $\frac{3}{4}$ " T&G panels. Adjust pads at trailing edges to project approximately  $\frac{3}{4}$ ".



This method installs the system continuously over the entire floor plate prior to any partitions.

#### STEP 4:

CONTINUE IN SEQUENCE

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#### Continue adhering pads and panels on deck in sequence.

*Note*: Stagger panels in running bond for subsequent rows.







### METHOD 2: WOOD FRAMING LOAD-BEARING PARTITIONS COMPLETED

This method installs the system after load-bearing partitions have been completed. STEP 1: LOAD-BEARING PARTITIONS & PERIMETER STRIPS

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Construct structural load-bearing partitions and install ¼" perimeter strips around each space adjacent to load-bearing partitions.

*Note*: Complete structural partitions to allow protected installations. Construct non-loadbearing partitions on top of acoustic floor covering system.



This method installs the system after load-bearing partitions have been completed.

#### STEP 2: ADHERE PADS TO PANELS

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Brush / roll adhesive onto pads and place on panels at locations indicated. Precision is not necessary except at trailing edge locations of panels.

**Note**: For residential floor loads spacing of pads is 24" on center in long direction, 16" in short direction, with pads at 8" on center at square edge.



This method installs the system after load-bearing partitions have been completed.

### STEP 3:

ADHERE PANELS TO DECK Simple, High-performance, Cost-effective Acoustical Products for Buildings



Apply adhesive on bottom of pads and place panels on deck. Overlap pads at both trailing edges to support adjacent panels.

**Note**: Tongued edge is leading, groove is trailing, on  $\frac{3}{4}$ " T&G panels. Adjust pads at trailing edges to project approximately  $\frac{3}{4}$ ".



This method installs the system after load-bearing partitions have been completed.

#### STEP 4:

CONTINUE IN SEQUENCE Simple, High-performance, Cost-effective Acoustical Products for Buildings



#### Continue adhering pads and panels on deck in sequence.

*Note*: Stagger panels in running bond for subsequent rows.



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## METHOD 3: CONCRETE DECK

This method is for installation on concrete deck.

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STEP 1: INSTALL PERIMETER STRIPS

#### Install ¼" perimeter strips at edges of floors, including exterior.

**Note**: Provide perimeter strips at edges of deck such as exterior walls, floor openings, and around columns. Cut strips from  $\frac{1}{2}$  wood panels.



This method is for installation on concrete deck.

#### STEP 2: ADHERE PADS TO PANELS

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Brush / roll adhesive onto pads and place on panels at locations indicated. Precision is not necessary except at trailing edge locations of panels.

**Note**: For residential floor loads spacing of pads is 24" on center in long direction, 16" in short direction, with pads at 8" on center at square edge.



This method is for installation on concrete deck.

#### STEP 3: ADHERE PANELS TO DECK

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Apply adhesive on bottom of pads and place panels on deck. Overlap pads at both trailing edges to support adjacent panels.

**Note**: Tongued edge is leading, groove is trailing, on  $\frac{3}{4}$ " T&G panels. Adjust pads at trailing edges to project approximately  $\frac{3}{4}$ ".



This method is for installation on concrete deck.

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#### STEP 4: CONTINUE IN SEQUENCE

#### Continue adhering pads and panels on deck in sequence.

**Note**: Provide additional pads to support cut panel edges to fit around columns and other obstructions; stagger panels in running bond for subsequent rows.



