



PRODUCT SPECIFICATION

Specify the STC Acoustic Sleeper in **Section 061600 Sheathing** under "Miscellaneous Products"

Resilient Sleeper Pads: Extruded solid neoprene rubber for impact noise insulation in floor construction. Acoustic Sleeper System by STC Sound Control.

Impact Noise Reduction: Δ IIC-23 according to ASTM E 2179.

INSTALLATION ON CONCRETE & OTHER SOLID DECKS

Acoustic Floor Covering System: Two wood panels supported by resilient sleeper pads.

1. Install wood strip perimeter supports cut from $\frac{1}{4}$ "-thick wood panels at slab terminations, edges of openings in slab, columns, pipe penetrations, and stair landings.
2. Staple pads to underside of lower panel at 24-inches on center with pads overlapping at trailing edges for support of subsequent panels.
3. Lay lower panels on deck in running bond pattern.
4. Adhere and staple upper panels to lower panels with upper panels rotated at right angles to lower panels, in running bond pattern, offset with upper panel overlapping joints in lower panels.
 - a. Place adhesive on either side of lower panel joints, inside perimeter line of upper panels, and at points between pad locations to pull lower panel tight to upper panel.
 - b. Staple upper panel to lower panel at perimeter and adhesive locations.

INSTALLATION AT WOOD FLOOR CONSTRUCTION (modify per details)

Acoustic Wood Floor Construction System: Wood panel sheathing on structural members with wood panel subfloor supported by wood lath and resilient sleeper pads.

1. Comply with requirements of listing agency for fire rated design.
2. Fasten **square-edged** wood sheathing panel to structural members. Allow for drainage through joints. Refer to structural for sheathing panel type and thickness.
3. Install wood strip perimeter supports cut from wood panels at load-bearing partition locations including exterior walls, interior bearing walls, shear walls, and terminations of deck at openings. Thickness should match total of pads ($\frac{1}{4}$ ") and lath strips.
4. Staple pads to wood lath strips at 16-inch centers. Align strips with structural members and at Overlap pads at trailing edges for support of subsequent panels.
5. Fasten wood lath strips with ring-shank nails, *through pads only*, and to continue through sheathing panels into structural members.
6. Adhere top subfloor **T&G** panel to wood lath strips.