

Installation Guide



SONOpanX® flooring acoustic panels are effective, light and easy to cut and install.

For best results, be sure to follow our installation guidelines

Before installing SONOpanX

Before installing SONOpanX® acoustic panels, ensure that the installation site and conditions meet those described in this guide. The manufacturer will not be held liable for improper installation or for any labour or installation costs.

SONOpanX® acoustic panels should be protected from the elements at all times. Acclimatize the panels before installation by stacking the panels on a flat surface for approximately 48 hours in the installation area. (Relative humidity degree should be within 25% and 55%.)

Preparation of concrete or wooden subfloor

The installation area should be thoroughly cleaned and free from any loose debris. The floor should be even within a 5 mm (3/16") deflection over a 3m (10') span. Uneven spots should be either ground/sanded down or filled with the appropriate levelling compound. When installing SONOpanX® on concrete subfloor, ensure that the concrete is cured to manufacturer specifications before installing SONOpanX on top. When installing SONOpanX® on a wooden subfloor, this subfloor should have a tongue and groove interlocking subfloor with a minimum thickness of 5/8" (16 mm). Ensure the subfloor (plywood or other wood panel) is firmly fixed to the frame structure to avoid movement and creaking. When installing SONOpanX® panels to the subfloor, a urethane based adhesive should be used.

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SONOpanX® panels should be offset by 24 inches (610 mm) and joined snugly together. They are always installed dimple side down. Leave a gap of 3/8" (10 mm) to 5/8" (16 mm) around the exterior walls and around any opening made in the SONOpanX® (I.E. for a plumbing stack). Fill this gap with a 1/2" (13 mm) or 5/8" (16 mm) backer rod or neoprene insert using acoustical sealant to secure in place.

Adhere SONOpanX® to the subfloor using MSL S-63 solvent-free adhesive or equivalent. A 3/16" (5mm) V-Notch trowel should be used. When applying adhesive, hold trowel at a 45-degree angle to maximize spreading. Adhesive should not be applied if room temperature is below 70°F (20°C). Let dry for at least 24 hours before installing any flooring or subfloor on top of the SONOpanX.

WARNING: adhesives containing solvents are not compatible with SONOpanX® acoustic panels.

Ceramic tiles floors soundproofing

Follow the preceding instructions to install SONOpan X then install a layer of tongue and groove 15.9 mm (5/8") plywood glued to the SONOpanX panels using S63 or equivalent.

Please note

These installation instructions are a general guide. Please refer to the glue and/or flooring manufacturer's recommendations. These instructions correspond to residential and light commercial applications. For larger surfaces or any other applications additional steps may need to be taken to ensure an effective and lasting flooring solution.

Floating floors

In some circumstances SONOpanX® panels can be installed without adhesive. The underlayment surface must be perfectly flat and level and all periphery edges sealed. Consult flooring manufacturer for compatibility.