

Installation Instructions

Section 1: General information

1.1 Storage and handling

Store the SONOpro membranes in a dry place, sheltered from the elements.

1.2 Related work

Related work includes but is not limited to

- Concrete screed
- Wood floor construction
- Plywood
- Floor covering
- Baseboards
- Thermal insulation
- Joint expansion
- Acoustic sealant

1.3 Warranty

MSL expressly guarantees the products it manufactures to be free from manufacturing defects that would render a product unsuitable for its intended use. The duration of this warranty is limited to ten (10) years from the date of the product's manufacture. MSL commits to refunding or replacing any product with a manufacturing defect subject to the following conditions and restrictions. This warranty does not cover any labour costs or materials related to the replacement of MSL's products. Buyer must return any defective product to the point of purchase for replacement or reimbursement. The SONOpro panels must be kept indoors at a moderate temperature. This warranty does not cover any damages caused by negligent handling of materials and/or related work. This warranty is valid only for the original buyer and is not transferable.

1.4 Conditions for installation of SONOpro

All conditions for installation must be in accordance with the recommendations of MSL, the acoustician, the architect and the suppliers of related materials. Before installing the SONOpro membranes, all building openings must be closed (i.e. doors, windows, garage doors, etc.) and the installation area must be dry.

Section 2: Product information

2.1 SONOpro is an acoustic membrane for concrete or gypsum-based self-levelling screed that consists of high-density polyester fibres on one side and a vapour resistant barrier on the other. The SONOpro membrane has a thickness of 2.5 mm (0.098") and a surface area of 1.47 m² x 15.24 m (58" x 600").

Section 3: Installation of the SONOpro membrane under a concrete or gypsum-based self-levelling screed

3.1 Install the SONOpro membrane on a flat surface that it is clean and free from all loose materials or other imperfections. In the case of imperfections, level the surface prior to installation of the SONOpro membrane. The surface materials to which the SONOpro membrane will be affixed must be installed in accordance with architectural plans and specifications.

3.2 Install the SONOpro membrane allowing for overlap up the walls of approximately 76.2 mm (3"). **Follow the same procedure for any pipes or other gaps.**

3.3 Overlap the joints of the SONOpro membrane by approximately 63.5 mm (2.5"). Stagger the joint ends approximately 0.61 m (24") from each other and overlap approximately 63.5 mm (2.5"). Use waterproof tape to seal joints, room perimeter and any gaps.

3.4 Lay the concrete or self-levelling gypsum-based screed according to the recommendations and/or specifications of the architect.

Note: To prevent sound vibration transfer

To optimize the acoustic performance of the membrane, leave a space between the wall and the floor covering to prevent the transfer of vibrations from the floor to the wall. Do not install the mouldings directly against floor

Section 4: Installation with a floating floor

4.1 Install the SONOpro membrane on a flat surface (concrete, self-levelling or plywood) that is clean and free from all loose materials or other imperfections. In the case of imperfections, level the surface prior to installation of the SONOpro membrane.

4.2 Install the SONOpro membrane with the seams perpendicular to the floating floor.

4.3 Do not overlap the joints of the SONOpro membrane. Butt the seams of the membrane tightly **together. Stagger the joint ends approximately 24" (0.61 m) from each other. Joints do not need to be sealed with tape.**

4.4 Install floating floor according to the manufacturer's recommendations.

Note: To prevent sound vibration transfer

To optimize the acoustic performance of the membrane, leave a space between the wall and the floor covering to prevent the transfer of vibrations from the floor to the wall. Do not install the mouldings directly against floor covering; allow a space of 3.175 mm (1/8") to avoid transfer of vibrations from the floor to the wall.