

Installation instructions

Section 1: General information

1.1 Storage and handling

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

1.2 Related work

Related work includes but is not limited to

- Concrete slab / screed
- Adhesives
- Thermal insulation
- Cement mortar
- Wood flooring construction
- Floor covering
- Ceramic tiles
- Acoustic sealant
- Plywood
- Baseboards
- Joint expansion

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 SONOleed membranes 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 SONOleed

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 SONOleed 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 SONOleed is a universal acoustic membrane made of high-density polyester fibres. The SONOleed membrane has a thickness of 2.72 mm (0.1700") and a surface area of 1.47 mm x 15.24 mm (58" x 600").

Section 3: Installation of the SONOleed membrane with ceramic tile

3.1 Install the SONOleed membrane on a flat and well-primed surface (e.g. concrete or a double layer of plywood ready for ceramic) that it is smooth, clean and free from all loose materials or other imperfections. In the case of imperfections, level the surface prior to installation of the SONOleed membrane. The surface materials to which the SONOleed membrane will be affixed must be installed in accordance with architectural plans and specifications.

3.2 Glue the SONOleed membrane to the subfloor using an acrylic based adhesive such as MSL S-63 or equivalent, according to the recommendations of the adhesive manufacturer.

3.3 Do not overlap the joints of the SONOleed 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.

3.4 Roll a heavy roller of 75 - 100 lb. (34-45 kg) over the membrane to ensure the transfer of adhesive. Allow adhesive to dry at least 24 hours before installing the floor covering, or as per the recommendations of the adhesive manufacturer.

3.5 Install the ceramic tile using MAPEI Kerabond/Keralistic mortar, or equivalent, as per the recommendations of the adhesive manufacturer. The ceramic tile must be installed in accordance with the plans and specifications of the ceramic tile manufacturer.

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.

Section 4: Installation with glue-down wood flooring

4.1 Install the SONOleed membrane on a flat well-primed surface that is smooth, clean and free from all loose materials or other imperfections. In the case of imperfections, level the surface prior to installation of the SONOleed membrane.

4.2 Install the SONOleed membrane with the seams perpendicular to the wood flooring.

4.3 Glue the SONOleed membrane to the subfloor using an acrylic based adhesive such as MSL S-63, or equivalent, according to the recommendations of the adhesive manufacturer.

4.4 Do not overlap the joints of the SONOleed 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.**

4.5 Roll a heavy roller of 75 - 100 lb (34-45 kg) over the membrane to ensure the transfer of adhesive. Let dry at least 24 hours before installing the floor covering, or as per the recommendations of the adhesive manufacturer.

4.6 Install the glue-down wood or engineered flooring 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.