

Acousti-Top® Floor Underlayment

Installation

Building interior and floor should be maintained above 50°F (10°C) for at least 24 hours prior to sound mat installation and 48 hours following installation.

Concrete Subfloor Preparation

Concrete subfloors must be structurally sound, fully cured, moisture free and have no efflorescence. All concrete subfloors should be tested for moisture prior to installing Maxxon Commercial Acousti-Top (see Limitation 3).

The substrate surface must be clean and free of dust and contaminants. If cracks are present prior to installing Maxxon Commercial Acousti-Top, contact a structural engineer to determine the appropriate remediation.

Gypsum Subfloor Preparation

The subfloor should be dry, broom cleaned, contaminant free and should have a smooth finish free from voids and sharp protrusions. If Maxxon Acousti-Top Adhesive is installed over a Maxxon underlayment, the underlayment must be dry and sealed prior to adhesive application using Maxxon® Commercial Gypsum Overspray or Maxxon® Commercial Multi-Use Acrylic Primer

Tools Needed

Floating Installation

- Scissors or box knife
- Tape

Glue Down Installation

- Scissors or box knife
- Weighted floor roller
- Maxxon Acousti-Top Adhesive and required tools
- Notched and flat trowels



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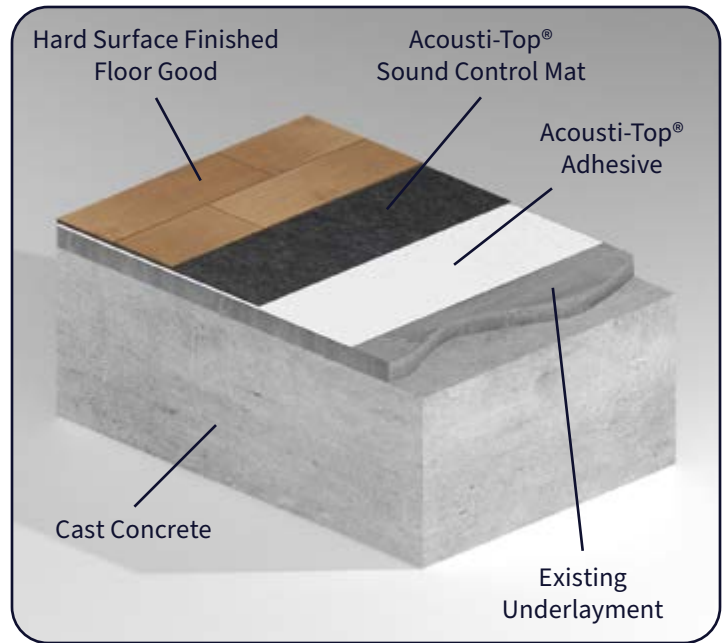
Acusti-Top® Floor Underlayment



Glue Down Installation

For glue down installations, concrete surfaces do not need to be sealed or primed. Apply Maxxon Commercial Acusti-Top Adhesive directly to the concrete surface. For application over Maxxon gypsum underlayments, apply Maxxon Commercial Multi-Use Acrylic Primer prior to adhesive application (refer to Maxxon® Commercial Acrylic Primer TDS for detailed instructions).

1. Maxxon Commercial Acusti-Top Adhesive is rolled out over clean and contaminant free concrete or primed Maxxon underlayment subfloor according to Maxxon® Acusti-Top Adhesive TDS. Install isolation strip or allow gap between walls/floor penetrations and Acusti-Top for best acoustical performance.
2. Maxxon Commercial Acusti-Top is then placed into wet or tacky adhesive with seams butt jointed*. During application, take care to avoid wrinkles and bubbles in the mat.
3. Roll Maxxon Commercial Acusti-Top with weighted floor roller while adhesive is wet or tacky to ensure that 100% surface contact is achieved. Ensure that no air pockets or folds have resulted from rolling. Roll perpendicular to direction of floor goods.
4. Engineered/laminate wood floors, LVT/LVP, tile or mortar bed are applied directly to Maxxon Commercial Acusti-Top. See Floor Covering Considerations for thin-set and mortar requirements. Take care to avoid placing flooring seams directly in line with Maxxon Commercial Acusti-Top seams.
5. Respect active control joints. Always ensure such joints are honored completely through Maxxon underlayments. In cases where control or expansion joints are not present in the subfloor, or cracking has occurred due to slab movement, consult a structural engineer.



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Acousti-Top® Floor Underlayment

1.



Floating Installation

1. Loose lay Maxxon Commercial Acousti-Top onto clean, smooth and contaminant free subfloor with seams butt jointed.*
2. Tape seams of Maxxon Commercial Acousti-Top.
3. Engineered/laminate wood floors, LVT/LVP are applied directly to Maxxon Commercial Acousti-Top. Take care to avoid placing flooring seams directly in line with Maxxon Commercial Acousti-Top seams.

2.



* The installation of Maxxon Commercial Acousti-Top does not eliminate the need for expansion or movement joints, including perimeter joints. An expansion of 1/4" must be maintained at all times. Use Maxxon Perimeter Isolation Strips to assist in maintaining the expansion gap.

3.



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Floor Covering Considerations

All mortars and thin-sets must meet or exceed ANSI 118.11. Urethane Wood adhesives may be used for wood installations. Perform bond testing to determine compatibility of adhesive to Maxxon Commercial Acousti-Top. Contact your adhesive manufacturer or Maxxon Corporation for further questions. It is the responsibility of the floor goods installer to determine the compatibility of their product with Maxxon Commercial Acousti-Top. Use appropriate notched trowel for application of setting materials in compliance with ANSI, TCNA, MIA, NAWFA, and setting materials guidelines and recommendations

Limitations

For questions regarding these limitations or for applications other than those described herein, contact Maxxon Corporation at (800) 356-7887

1. For interior use only.
2. Do not use where Maxxon Commercial Acousti-Top will come in prolonged contact with water or water vapor.
3. It is the responsibility of the general contractor to complete moisture testing before sound mat and underlayment is installed. If testing is necessary, use the methods specified by the flooring manufacturer, typically ASTM F710. If the MVER exceeds 5 lbs. (2.3 kg)/1,000 ft² (92.9 m²)/24 hours or an RH greater than 80%, treat the concrete subfloor with Maxxon® Commercial MVP One Primer, or Maxxon® Commercial MVP Two-Part Epoxy. If the flooring manufacturer specifies more stringent moisture limitations or practices, they must be followed. Contact Maxxon Corporation for further information.
4. Maxxon sound mats and underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors. The structural floor should be adequate to withstand design loads with deflection limitations of L/360. Some floor coverings may require more restrictive deflection limits. Determining the appropriate structural design of the floor is not the responsibility of Maxxon nor the Maxxon applicator.

Storage and Disposal

Keep in a dry, cool place. Maxxon Commercial Acousti-Top is not considered hazardous per US-GHS requirements and may be disposed of with day-to-day construction materials.

Safety

Follow local and state regulations and use appropriate safety precautions and measures when installing Maxxon products. See related product literature at Maxxon.com or contact Maxxon Corporation for more information prior to installation.

Warranty and Tech Services

See Maxxon.com for complete warranty information. Technical performance verification and service is available through Maxxon Corporation or Maxxon Regional Representatives throughout North America.



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