

PRODUCT DESCRIPTION

Maxxon® Commercial Acousti-Top® is a blend of acoustical fibers that offers robust performance in a low-profile sound mat. Maxxon Commercial Acousti-Top can be installed directly on concrete or in wood-frame renovations over the existing subfloor to reduce noise transfer and achieve residential sound code.

WHERE TO USE

Application

Single-family, multifamily, wood frame and light commercial construction and renovations

Subfloor

Concrete slabs or interior gypsum underlayments (new or existing)

FEATURES & BENEFITS

- <1/16" thick – won't impact floor height
- Achieves residential sound code
- Up to 10 IIC point improvement in wood frame construction
- Compatible with virtually all LVT/LVP, sheet vinyl, laminate, wood, tile and carpet and the most common types of adhesives
- Patented blend of acoustical fibers
- Suitable for use with radiant flooring
- Fast, easy installation
- GREENGUARD® Gold Certified

PRODUCT INFORMATION

Thickness	1/16" (1.6 mm)
Color	Dark Gray
Installation Method	Glue down or Floating
Roll Width	42.5" (108 cm)
Roll Length	200' (61 m)
Coverage per Roll	708 ft² (65.8 m²)
Weight per Roll	45 lbs (20.4 kg)
Robinson Testing (ASTM C627)	Light Commercial
Crack Suppression (ANSI A118.12)	High Performance
Sound Control	Minimum 50 IIC



CODE LISTINGS

- ICC ESR 2540
- UL ER 8477-01
- HUD1286e

UL FIRE RESISTANCE-RATED DESIGNS

More than 140 UL Designs. For more information on current UL and ULC Designs, contact Maxxon Corporation.

SOUND TESTS

For more detailed information, please refer to Maxxon® Fire & Sound Manual at Maxxon.com.

Floor System	Min. Topping	Insulation	Resilient Channel	Ceiling Drywall	Floor Covering	Rating	Test Numbers
PARALLEL CHORD TRUSS 18" (457 mm) w/ 3/4" (19 mm) OSB subfloor	3/4" (19 mm) Maxxon*	Yes	Yes	5/8" (16mm)	Tile	STC 56	5018029
						IIC 50	7018017
					Laminated Wood	IIC 53	7018018
					LVT	IIC 50	H8079.13
					Carpet Tile	IIC 52	H8079.16
CONCRETE 6" (152 mm)	N/A	No	No	No	Engineered Wood	IIC 50	H8079.08
					LVT	STC 52	H8289.01
						IIC 52	
						ΔIIC 22	
					Tile	ΔIIC 19	7018019

* Approved Maxxon Underlayment †Where weight and/or floor height is a concern, a 3/4" Maxxon approved underlayment with Maxxon Reinforcement can be used.

Notes

1. Specific STC value of the tested assembly listed in the corresponding sound test.

SOUND TEST INFORMATION

International Building Code (IBC) requires a minimum 50 STC/IIC (45 ASTC/A-IIC) in multifamily construction. Care must be taken in the selection and installation of all components of construction to ensure the ultimate designed acoustical performance.

For specific sound test information, contact Maxxon for test reports.



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

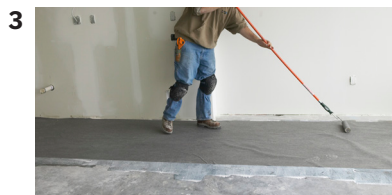
Glue Down Installation

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

INSTALLATION *Continued*

Glue Down Installation

For glue down installations, concrete surfaces do not need to be sealed or primed. Apply Maxxon Commercial Acousti-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 Acousti-Top Adhesive is rolled out over clean and contaminant free concrete or primed Maxxon underlayment subfloor according to Maxxon[®] Acousti-Top Adhesive TDS. Install isolation strip or allow gap between walls/floor penetrations and Acousti-Top for best acoustical performance.
2. Maxxon Commercial Acousti-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 Acousti-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 Acousti-Top. See **Floor Covering Considerations** for thin-set and mortar requirements. Take care to avoid placing flooring seams directly in line with Maxxon Commercial Acousti-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.

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.

*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.

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, NWFA, 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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JOB NAME: _____

DATE: _____

APPLICATOR: _____

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