YOUR PROVEN PARTNER FOR MULTIFAMILY SUBFLOORS
Maxxon® Delivers Industry Leadership.

In 1972, Maxxon® revolutionized the construction industry by developing Gyp-Crete®. At times our trademarked name is used when referring to basic gypsum products, but there’s no substitute for the performance and integrity of authentic Gyp-Crete underlayments. Spec it once and you’ll never look back.

Today, Maxxon continues to lead the way with our dedicated R&D team and sound attenuation experts. Working in state-of-the-art R&D and Acoustics labs, they’re bringing more scientific advancements to Multifamily construction. We were the first to introduce sound mats to Multifamily and we remain focused on developing product and process improvements to meet the changing needs of the industry.

Our commitment to innovation and science is only part of our leadership story. We are also dedicated to exceptional customer service. When you need solutions or support, our problem-solving team delivers the expertise your project demands. Start to finish, we’ve got your back.
Invented Gyp-Crete®

Built largest Floor/Ceiling Acoustic Test Chambers in North America

1972

2022
Maxxon Delivers Confidence.

For quality assurance, code compliance, and design flexibility, Maxxon® Gyp-Crete® underlayments and Maxxon® Acousti-Mat® sound control mats allow you to build with confidence.

Maxxon Gyp-Crete underlayments are available in more than 140 UL and ULC fire-resistance rated designs. They bring efficient fire and sound control to every Multifamily project. With a range of compressive strengths, Maxxon Gyp-Crete underlayments enable you to meet or exceed the demands of virtually all modern flooring coverings.

Maxxon Acousti-Mat products are backed by thousands of third-party sound tests and designed to mitigate impact and airborne noises in a variety of floor assemblies without sacrificing sound control.
Looking for Design Resources?
Get specifications, design files and more at maxxon.com
Maxxon Delivers Complete Systems for Multifamily Success.

To achieve the ultimate in tenant safety and satisfaction, combine a Maxxon Gyp-Crete underlayment with a Maxxon Acousti-Mat sound control mat.

Easily find the right system assembly for your project with our **Interactive System Selector** at Maxxon.com. Simply enter in project details to ensure you achieve the desired sound and fire ratings for your project.

Compatible with virtually all multifamily flooring, our warrantied systems deliver proven, fire-resistant performance for peace of mind and superior sound control for peace and quiet.
Lunch. Learn. Earn.

Maxxon offers AIA-approved continuing education courses. Choose a course and we’ll bring the presentation – and lunch, on us – to your office. Each participant will earn one LU|HSW (Health, Safety, Welfare) credit.

Working remotely? Maxxon offers online presentations as well. View our current courses under the Resources tab at maxxon.com.
Our comprehensive portfolio of gypsum underlayments ensures the optimal solution for your project without compromise.

Every Maxxon Gyp-Crete Underlayment offers:

- More than 140 UL and ULC fire-resistance rated designs
- Superior sound attenuation when used with Maxxon® Acousti-Mat®
- GREENGUARD Gold Certification

**MAXXON® GYP-CRETE® 2000 MULTIFAMILY**

The premium choice for interior wood subfloors with excellent flow properties.

**TYPICAL RANGE:**

2,000-3,200 PSI

**MAXXON® GYP-CRETE® BASIC**

A cost-effective solution for interior wood subfloors.

**UP TO**

2,200 PSI

**MAXXON® GYP-CRETE® HIGH PERFORMANCE**

Durability, versatility and excellent flow properties to meet the challenges of all modern, hard-surface floor coverings.

**TYPICAL RANGE:**

3,000-4,000 PSI

**MAXXON® GYP-CRETE® RADIANT**

Specially formulated to deliver even heat, maintain long-term heat tolerance and eliminate baseboard drafts.

**TYPICAL RANGE:**

2,000-3,200 PSI
Primers and Support Products

- Maxxon Commercial Multi-Use Primer
- Maxxon Commercial Gypsum Overspray
- Maxxon Perimeter Isolation Strip
- Maxxon Acousti-Mat Tape
- Maxxon Reinforcement Mesh and Fibers

**ALSO AVAILABLE FROM MAXXON®:**

**MAXXON® RAPID FLOOR® MULTIFAMILY**

The premium choice for interior wood subfloors with excellent flow properties.

**Typical Range: 2,000-3,200 PSI**

**MAXXON® RAPID FLOOR® BASIC**

A cost-effective solution for interior wood subfloors.

**Up to 2,200 PSI**

**CHOOSE THE RIGHT PRODUCT**

<table>
<thead>
<tr>
<th>Multifamily Construction</th>
<th>Gyp-Crete 2000 MF</th>
<th>Gyp-Crete Basic</th>
<th>Gyp-Crete High Performance</th>
<th>Gyp-Crete Radiant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood - New</td>
<td>X</td>
<td>X</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Wood Renovation</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concrete - New</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Concrete Renovation</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Steel Deck</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radiant Heating</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

X = Recommended Product.  O = Upgrade Alternative. Contact Maxxon®.
Reduce noise complaints with a Maxxon sound control mat topped by a Maxxon Gyp-Crete underlayment. Our broad Acousti-Mat product range allows you to meet the unique demands of every project.

Every Maxxon Acousti-Mat:

- Meets or exceeds IIC / STC ratings
- Requires Maxxon Underlayment for a warranted system
- GREENGUARD Gold Certified

**MAXXON® ACOUSTI-MAT® 1/8**

Code minimum sound control in an economical, low-profile mat.

![MAXXON® ACOUSTI-MAT® 1/8](image)

**MAXXON® ACOUSTI-MAT® 1/4**

The original sound control mat for multifamily construction.

![MAXXON® ACOUSTI-MAT® 1/4](image)

**MAXXON® ACOUSTI-MAT® 1/4 PREMIUM**

Upgraded sound control for multifamily construction where floor height is a concern.

![MAXXON® ACOUSTI-MAT® 1/4 PREMIUM](image)
The highest performance sound control mat for challenging floors.

Ideal for the luxury developments and assemblies with exposed ceilings.

Ideal for high-end apartments, condos, and townhomes.

The new acoustical standard for multifamily living.

<table>
<thead>
<tr>
<th>ICC G2-2010 GUIDELINE FOR ACOUSTICS</th>
<th>Laboratory Sound Rating</th>
<th>Field Sound Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code Minimum</td>
<td>50 STC/IIC</td>
<td>45 F-STC/F-IIC</td>
</tr>
<tr>
<td>Acceptable Performance</td>
<td>55 STC/IIC</td>
<td>52 F-STC/F-IIC</td>
</tr>
<tr>
<td>Preferred Performance</td>
<td>60 STC/IIC</td>
<td>57 F-STC/F-IIC</td>
</tr>
</tbody>
</table>
Designed for large commercial projects that require high-strength underlayments, Maxxon Commercial Pro products come in 80# bags that are mixed with sand on site for lower cost and greater efficiency. Maxxon Commercial Pro products are exclusively installed by Authorized Maxxon Applicators who deliver faster turnarounds by pumping up to 40,000 sq. ft. per day.

**MAXXON® COMMERCIAL PRO LEVEL-CRETE™**
A cost-effective, high-strength hydraulic cement underlayment with excellent flow properties for resurfacing rough, pitted and out-of-level concrete.

**MAXXON® COMMERCIAL PRO LEVEL-RIGHT®**
A self-leveling, hydraulic cement-based underlayment designed to flatten and smooth concrete slabs. No special subfloor prep, old floor removal or hand finishing required.

**Nationwide Installer Network**
Trained in the precise application of all Maxxon products, our Authorized Applicators provide the experience and know-how to get your project done right. With our nationwide network, you’ll find skilled product applicators where you need them, when you need them.
The Maxxon EZ Renovation System provides a subfloor renovation solution that saves you time and money. Fix broken or cracked floors with incredible results in three easy steps.

A 3-step, permanent subfloor renovation in as little as 1 day.

The Maxxon EZ Renovation System offers a 3-step, permanent solution that saves you time and money. Fix broken or cracked floors with incredible results in three easy steps.

**STEP 1** PRIME
- Compatible with gypsum and lightweight concrete underlays
- Single component – fast and easy to install
- Gives old subfloors a like-new surface strength

**STEP 2** POUR/PATCH
- Fire rated underlayment
- Levels at 1/4”
- Exceptional smoothness and workability
- Ready for floor covering the next day
- EZ CRETE® & GYP-FIX EZ PATCH also available

**STEP 3** PLACE
- Sound control solution
- Sound code compliance without added height
- Helps contribute to meeting building sound code standards
- Exceptional durability
Mass timber construction offers many advantages from carbon sequestration and renewability to strength, versatility and biophilic aesthetic. Maxxon began supporting mass timber in 2014 with proven solutions for fire and sound control subfloor assemblies to meet the unique demands of these projects. As the innovator of Gyp-Crete® underlayment and Acousti-Mat® sound control, Maxxon has served mass timber construction across the U.S. with products covering more than 8.5 million square feet.

Maxxon is proud to support WoodWorks in expanding the use of mass timber. As the leading provider of wood education and resources, WoodWorks provides free project assistance to architects, engineers, contractors, and developers/owners. To learn more visit: woodworks.org
# TECHNICAL RESOURCES.

## MAXXON GYPSUM FLOOR UNDERLAYMENTS TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>GYP-CRETE® BASIC</th>
<th>GYP-CRETE® 2000 MULTIFAMILY</th>
<th>GYP-CRETE® RADIANT</th>
<th>GYP-CRETE® HIGH PERFORMANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USES</strong></td>
<td>Multifamily, New Wood Construction</td>
<td>Multifamily, light commercial, single family, floating floors, carpet, sheet vinyl and thicker LVT</td>
<td>Radiant Floor Heating</td>
<td>Multifamily, light commercial, steel decks, thin LVT, glue down, high foot traffic corridors, common areas, pre drywall</td>
</tr>
<tr>
<td><strong>COMPREHENSIVE STRENGTH</strong></td>
<td>Up to 2,200 psi (15.2 MPa)</td>
<td>Typical Range: 2,000 - 3,200 psi (13.8-22.1 MPa)</td>
<td>Typical Range: 2,000 - 3,200 psi (13.8-20.7 MPa)</td>
<td>Typical Range: 3,000 - 4,000 psi (13.8-20.7 MPa)</td>
</tr>
<tr>
<td><strong>“K” FACTOR</strong></td>
<td>4.75 (Btu/in)/(lbf•ft•°F) (.6840 W/[m•°C])</td>
<td>5.15 (Btu/in)/(lbf•ft•°F) (.7416 W/[m•°C])</td>
<td>4.96 (Btu/in)/(lbf•ft•°F) (.7142 W/[m•°C])</td>
<td>4.76 (Btu/in)/(lbf•ft•°F) (.6854 W/[m•°C])</td>
</tr>
<tr>
<td><strong>SPECIFIC HEAT</strong></td>
<td>.223 Btu/(lb•°F) at 85 °F (.9343 kJ/kg•°C) at 29.44 °C</td>
<td>.222 Btu/(lb•°F) at 85 °F (.9301 kJ/kg•°C) at 29.44 °C</td>
<td>.224 Btu/(lb•°F) at 85 °F (.9385 kJ/kg•°C) at 29.44 °C</td>
<td>.229 Btu/(lb•°F) at 85 °F (.9595 kJ/kg•°C) at 29.44 °C</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>approx. 3/4&quot; 7.2 lbs/ft² (35.1 kg/m²) 9.6 lbs/ft² (46.8 kg/m²) 14.4 lbs/ft² (70.2 kg/m²)</td>
<td>3/4&quot; 7.2 lbs/ft² (35.1 kg/m²) 1&quot; 9.6 lbs/ft² (46.8 kg/m²) 1 1/8&quot; 14.4 lbs/ft² (70.2 kg/m²)</td>
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<td>3/4&quot; 7.5 lbs/ft² (36.6 kg/m²) 1&quot; 10.0 lbs/ft² (46.9 kg/m²) 1 1/8&quot; 15 lbs/ft² (73.2 kg/m²)</td>
</tr>
<tr>
<td><strong>DENSITY</strong></td>
<td>110-120 lbs/ft³ (1762-1922 kg/m³)</td>
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<td>110-120 lbs/ft³ (1762-1922 kg/m³)</td>
<td>115-125 lbs/ft³ (1842-2002 kg/m³)</td>
</tr>
<tr>
<td><strong>SURFACE BURNING CHARACTERISTICS</strong> (ASTM-E84)</td>
<td>Flame spread: 0</td>
<td>Fuel contributed: 0</td>
<td>Smoke density: 0</td>
<td></td>
</tr>
</tbody>
</table>

Maxxon gypsum underlayment retain their strength when re-dried after being immersed in water for 30 days. Gyp-Crete Performance Test, Twice Report #9-018.

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### UNDERLAYMENT THICKNESS OVER WOOD SUBFLOORS

<table>
<thead>
<tr>
<th>Subfloor Thickness</th>
<th>Truss, Beam or Joist Spacing</th>
<th>Min. Thickness of Underlayment</th>
</tr>
</thead>
<tbody>
<tr>
<td>19/32&quot; (15 mm) [5/8&quot;]</td>
<td>16-19.2&quot; o.c. (406-487 mm)</td>
<td>3/4&quot; (19 mm)C</td>
</tr>
<tr>
<td>19/32&quot; (15 mm) [5/8&quot;]</td>
<td>19-24&quot; o.c. (487-610 mm)</td>
<td>1&quot; (25 mm)</td>
</tr>
<tr>
<td>23/32&quot; (19 mm) [3/4&quot;]</td>
<td>16-24&quot; o.c. (406-610 mm)</td>
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### ICC G2-2010 GUIDELINE FOR ACOUSTICS

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Designing for Safety & Sound Control: Maxxon Fire & Sound Manual

Streamline the process of specifying products to meet requirements for fire safety and acoustical performance. Access the Maxxon Fire & Sound manual to help determine the right assembly, along with correct codes and resources, based on your project’s construction type.
Since the beginning, solving problems has been a Maxxon trademark. We invented Gyp-Crete and Acousti-Mat, creating a new industry for building in multifamily construction.

Now we offer a full product portfolio to deliver great results for the commercial flooring industry, too. Our proven know-how, scientific innovation, fully invested customer service and skilled, knowledgeable team bring time-saving, cost-effective solutions to the commercial industry.

Concrete Repair & Renovation • Moisture Mitigation Systems • Primers & Sealers Leveling & Patch Solutions • Topical Sound Control

Choose from our wide range of products to determine the best system for your project. And, if you’d like help evaluating your options, check out our online system selector at maxxon.com. Prefer to talk it over? We’re happy to share our expertise, simply contact your regional representative at (800) 356-7887.