PRODUCT DESCRIPTION
Maxxon® Commercial Gyp-Fix EZ® Patch is a fire-rated, high-strength, trowelable patch designed for preparing all subfloors. Maxxon Commercial Gyp-Fix EZ Patch features a smooth consistency and finish that is flooring-ready in as little as 40 minutes. This patch bonds to common subfloors including concrete and gypsum, making it an effective solution anywhere a patch or skim coat is needed.

WHERE TO USE
Application
Patch and skim coat for repairing imperfections in various subfloors.
Subfloor
Interior gypsum, concrete and wood.

FEATURES & BENEFITS
• Quick drying — skim coat is ready in as little as 40 minutes
• UL Fire Resistance-Rated Patch
• Easy to mix and apply
• Exceptional non-shrinking bond
• Can be featheredged

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Product Information</th>
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<tbody>
<tr>
<td>Compressive Strength (Modified ASTM C472)</td>
<td>Minimum 4,000 psi (27.6 MPa)</td>
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<tr>
<td>Working Time</td>
<td>20 minutes</td>
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<tr>
<td>Initial Set</td>
<td>40 minutes</td>
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<tr>
<td>Flooring Install</td>
<td>1/8&quot; in as little as 2–3 hrs</td>
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<tr>
<td>Coverage (per 25 lb. bag)</td>
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<tr>
<td>1/16&quot; (1.6 mm): 62 ft² (5.8 m²)</td>
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<tr>
<td>1/8&quot; (3 mm): 31 ft² (2.9 m²)</td>
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<tr>
<td>Fire Performance (ASTM E84)</td>
<td>Flame Spread – 0</td>
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<tr>
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<td>Fuel Contribution – 0</td>
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<td>Smoke Development – 0</td>
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BENEATH IT ALL, MAXXON DELIVERS®
**ENVIRONMENTAL IMPACT**

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<td>Material &amp; Resources</td>
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*Credits may vary depending on project type and Maxxon products used.*

**CODE LISTINGS**

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

**UL FIRE RESISTANCE-RATED DESIGNS**

**UL Design**

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**ULC Design**

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For more information on current UL and ULC Designs, contact Maxxon Corporation.
INSTALLATION

Building interior and floor should be maintained above 50 °F (10 °C) for at least 24 hours prior to installation and until Maxxon Commercial Gyp-Fix EZ Patch has set. There should be no air movement until Maxxon Commercial Gyp-Fix EZ Patch has set, then provide adequate air movement by opening windows to hasten patch drying. Minimize direct sunlight during Maxxon Commercial Gyp-Fix EZ Patch application. Follow Radiant Panel Association (RPA) recommendations at radiantprofessionalsalliance.org and turn off radiant heating systems 24 hours prior to and after installing Maxxon Commercial Gyp-Fix EZ Patch.

Wood Subfloor Preparation

Wood subfloors must be structurally sound and clean and free of dust and contaminants. For best results, use a vacuum with a HEPA filter.

Wood subfloors must be primed with Maxxon® Commercial Multi-Use Acrylic Primer. See the Maxxon Commercial Multi-Use Acrylic Primer TDS at Maxxon.com for more information.

Concrete Subfloor Preparation

Concrete subfloors must be structurally sound, fully cured, moisture free and have no efflorescence. The subfloor surface must be clean and free of dust and contaminants. If cracks are present prior to applying Maxxon Commercial Gyp-Fix EZ Patch, contact a structural engineer to determine the appropriate remediation.

All concrete subfloors should be tested for moisture prior to applying Maxxon Commercial Gyp-Fix EZ Patch (see Limitation 4).

Gypsum Subfloor Preparation

Gypsum subfloors must be structurally sound. The gypsum subfloor surface must be clean and free of dust and contaminants. For best results, use a vacuum with a HEPA filter.

For resurfacing of hard, well-bonded gypsum underlayment, use Maxxon Commercial Multi-Use Acrylic Primer. For repair of damaged or dusty old underlayments, we recommend priming the gypsum subfloor and exposed edges with Maxxon® Commercial Fortify™ Primer. See Maxxon Commercial Fortify Primer TDS at Maxxon.com for more information.
Adhesive Residue Preparation

All adhesive residue must be tested to determine if it is water-soluble or non-water-soluble. Water-soluble adhesives must be removed down to clean concrete or gypsum. Non-water-soluble adhesives must be scraped to a thin, well-bonded residual as recommended by the Resilient Floor Covering Institute (www.rfci.com) to remove thick areas and adhesive build-up. If adhesive residue is not well-bonded to the concrete or gypsum, or is brittle, powdery or otherwise weak, it must be completely removed down to clean, sound, solid concrete or gypsum. Once residue removal is complete, follow specific subfloor-type preparation as shown above.

Tools

• Mixing bucket
• Measuring cup
• High-speed mixing drill (850 rpm) with Jiffy (preferred) or egg-beater mixing paddle
• Stainless steel spatula
• Trowel

Mixing

Combine Maxxon Commercial Gyp-Fix EZ Patch powder and 4.0 qts (3.8 L) of water using a high-speed mixer (850 rpm) with a Jiffy-type mixing paddle. Note: water must be added to mixing bucket first, then mix in powder. If needed, increase water to no more than 4.4 total qts (4.1 L) per 25 lb bag. Mix to a homogenous, lump-free consistency for approximately 1-2 minutes. Do not over mix.

For smaller batches, use a mixing ratio of 3 parts Maxxon Commercial Gyp-Fix EZ Patch powder to 1 part water and mix with a stainless-steel spatula.

Application Over Existing Concrete, Gypsum and Wood Subfloor

Apply mixed Maxxon Commercial Gyp-Fix EZ Patch directly onto the primed floor. Spread Maxxon Commercial Gyp-Fix EZ Patch using a trowel to achieve the desired depth and surface smoothness.

Drying

Dry time varies based on building conditions and depth of the applied material. A skim coat of Maxxon Commercial Gyp-Fix EZ Patch is typically ready for foot traffic in 40 minutes. Deeper areas will require longer dry times.
LIMITATIONS

For questions regarding these limitations or for applications other than those described herein, contact Maxxon Corporation at (800) 238-8461.

1. For interior use only. If Maxxon Commercial Gyp-Fix EZ Patch will be installed prior to doors and windows, contact Maxxon Corporation.

2. For on or below grade applications, contact Maxxon Corporation.

3. Maxxon Commercial Gyp-Fix EZ Patch is not intended to bond to wet subfloors and is not a vapor or moisture barrier. Never install a moisture vapor barrier product over Maxxon Commercial Gyp-Fix EZ Patch. Do not use where Maxxon Commercial Gyp-Fix EZ Patch will come in prolonged contact with, or repetitive exposure to, water or water vapor.

4. It is the responsibility of the general contractor to complete moisture testing before Maxxon Commercial Gyp-Fix EZ Patch 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.

5. All subfloors above crawl spaces must be protected by a vapor barrier. Special instructions must be followed when applying Maxxon Commercial Gyp-Fix EZ Patch to plastic vapor barriers, over particleboard, chipboard, hardboard such as Masonite®, Lauan panels, metal, asbestos, or any other non-dimensionally stable materials. Contact Maxxon Corporation for more information.

6. Turn off radiant heating systems 24 hours prior to and after installation.

7. Do not clean subfloors with oil-based or silicone-based sweeping compounds. These compounds leave a film on the subfloor surface that will interfere with bond development. Instead, use a vacuum with a HEPA filter to clean the subfloor.

8. For applications where organic adhesives, asphalt, coal-tar based adhesives and other oil-based contaminants are found, contact Maxxon for proper remediation methods.

9. Maxxon Commercial Gyp-Fix EZ Patch may be scheduled before or after installation of drywall. For applications before drywall, contact Maxxon Corporation.

10. Maxxon 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.
LIMITATIONS

Continued

11. Respect active control joints. Always ensure such joints are honored completely through Maxxon Commercial Gyp-Fix EZ Patch. 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.

12. Avoid walking on installed surface until set, typically within 40–60 minutes with skim coat.

13. To limit damage where Maxxon Commercial Gyp-Fix EZ Patch will be subjected to heavy wheeled or concentrated loads, place temporary wood planking over the Maxxon Commercial Gyp-Fix EZ Patch.

14. Prior to floor-covering installation, a moisture test of Maxxon Commercial Gyp-Fix EZ Patch is highly recommended. When testing Maxxon Commercial Gyp-Fix EZ Patch for dryness, use ASTM F2659. The moisture content should not exceed 5%. The RH should not exceed 80%. Do not install floor goods until those limitations are met. If the flooring manufacturer specifies more stringent moisture limitations, they must be followed. Reference Maxxon® Underlayment & Finished Floor Goods Installation Procedures brochure at Maxxon.com.

15. Maxxon Commercial Gyp-Fix EZ Patch cannot be used as part of a wear surface system.

FLOOR COVERING CONSIDERATIONS

Floor goods can be installed once Maxxon Commercial Gyp-Fix EZ Patch passes a moisture test. Refer to Maxxon® Underlayment & Finished Floor Goods Installation Procedures brochure at Maxxon.com.

STORAGE AND DISPOSAL

Store in original sealed packaging in a cool, dry environment and protect from humidity and water. Recommended storage temperature range of 50–100 °F (10–38 °C). Dispose of contents and container in accordance with all applicable regulations.
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.

FILE R8477  
CLASSIFIED  
UL ER8477-01  
Type Maxxon High Strength  
FLOOR TOPPING MIXTURE  
FIRE RESISTANCE CLASSIFICATION  
SEE UL FIRE RESISTANCE DIRECTORY AND  
UL PRODUCTS CERTIFIED FOR CANADA DIRECTORY

For mixing instructions refer to specific design number  
ICC ESR-2540  
UL ER8477-01

FILE R8477  
CLASSIFIED  
UL ER8477-01  
Type Maxxon Standard Strength  
FLOOR TOPPING MIXTURE  
FIRE RESISTANCE CLASSIFICATION  
SEE UL FIRE RESISTANCE DIRECTORY AND  
UL PRODUCTS CERTIFIED FOR CANADA DIRECTORY  
88KL

TECHNICAL DATA SHEET  
JANUARY 2023

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Hamel, Minnesota  55340  
800-238-8461  
maxxon.com  
info@maxxon.com

@Maxxon.Corporation  
maxxon-corporation

JOB NAME: ________________________________  DATE: ________________________________

APPLICATOR:

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