PRODUCT DESCRIPTION
Maxxon® Commercial Level EZ™ is a polymer modified self-leveler suitable for interior use. Its hydraulic cement-based formula is engineered to smooth both gypsum and concrete subfloors. Maxxon Commercial Level EZ can also be used to encapsulate non-water-soluble adhesive residue prior to the installation of finished floor coverings. Maxxon Commercial Level EZ provides a durable, flat, smooth floor surface with minimal labor and installation time.

WHERE TO USE
Application
Multifamily wood frame, light commercial wood frame, commercial, concrete construction and renovation.

Subfloor
Interior gypsum, concrete and wood.

FEATURES & BENEFITS
• Minimal subfloor preparation; clean, prime and pour
• Can be walked on in as little as 4 hours
• Easy-to-use pre-sanded formulation - just add water
• Can be installed from featheredge - 2" (0—51 mm)
• Highly flowable for self-leveling at 1/4"
• Compatible with in-floor radiant heating systems
• Suitable for virtually all floor coverings with some installed in 16 hours (see page 7 for details)

PRODUCT INFORMATION
<table>
<thead>
<tr>
<th>Compressive Strength (Modified ASTM C109)</th>
<th>1,250 psi (8.6 MPa) 24 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2,700 psi (18.6 MPa) 7 days</td>
</tr>
<tr>
<td></td>
<td>Minimum 5,000 psi (34.5 MPa) at 28 days</td>
</tr>
<tr>
<td>Installation Depths</td>
<td>From featheredge to 2&quot; (0—51 mm). For deeper pours, contact Maxxon® Corporation.</td>
</tr>
<tr>
<td>Flexural Strength (ASTM C348)</td>
<td>1,000 psi (6.9 MPa) when dry</td>
</tr>
<tr>
<td>Dry Density</td>
<td>115–125 lbs/ft³ (1842–2002 kg/m³)</td>
</tr>
<tr>
<td>Working Time</td>
<td>15–20 minutes</td>
</tr>
<tr>
<td>Coverage (per 50 lb. bag)</td>
<td>21–22 ft² at 1/4&quot;</td>
</tr>
<tr>
<td>Fire Performance (ASTM E84)</td>
<td>Flame Spread – 0</td>
</tr>
<tr>
<td></td>
<td>Fuel Contribution – 0</td>
</tr>
<tr>
<td></td>
<td>Smoke Development – 0</td>
</tr>
</tbody>
</table>
ENVIRONMENTAL IMPACT

<table>
<thead>
<tr>
<th>Project</th>
<th>Credit</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Quality</td>
<td>EQ 2</td>
<td>Low Emitting Materials</td>
</tr>
<tr>
<td></td>
<td>EQ 4</td>
<td>Indoor Air Quality Assessment</td>
</tr>
<tr>
<td></td>
<td>EQ 9</td>
<td>Acoustic Performance</td>
</tr>
<tr>
<td>Material &amp; Resources</td>
<td>MR 3</td>
<td>Building Product Disclosure and Optimization – Sourcing Raw Materials</td>
</tr>
</tbody>
</table>

*Credits may vary depending on project type and Maxxon products used.*

CODE LISTINGS

- ICC ESR 2540
- UL ER 8477-01

UL FIRE RESISTANCE-RATED DESIGNS

**UL Design**

- G230 J924 L212 L515 L533 L551 L574 M504
- G516 J927 L501 L516 L534 L552 L576 M505
- G524 J931 L502 L517 L535 L556 L577 M506
- G551 J957 L503 L518 L536 L557 L579 M507
- G553 J958 L504 L519 L537 L558 L581 M508
- G560 J991 L505 L520 L538 L560 L583 M510
- G561 J994 L506 L522 L539 L562 L585 M511
- G563 L006 L507 L523 L540 L563 L588 M513
- G566 L201 L508 L524 L541 L564 L589 M514
- G574 L202 L509 L525 L542 L565 L590 M515
- G587 L206 L510 L526 L543 L567 L592 M517
- G597 L208 L511 L527 L545 L569 L593 M518
- J917 L209 L512 L528 L546 L570 M500 M519
- J919 L210 L513 L529 L547 L571 M502 M530
- J920 L211 L514 L530 L549 L573 M503 M531

**ULC Design**

- I530 L201 L512 M501 M514 M521
- L003 L511 M500 M503 M520

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 underlayment has set. There should be no air movement until Maxxon Commercial Level EZ has set, then provide adequate air movement by opening windows to hasten underlayment drying. Minimize direct sunlight during the pour and through the next 72 hours. Plumbing or electrical penetrations should be packed with insulation and sealed. Follow Radiant Panel Association (RPA) recommendations at radiantprofessionalsalliance.org and turn off radiant heating systems 24 hours prior to and after pouring Maxxon Commercial Level EZ.

Refer to Maxxon’s Building Conditions Guide for more information.

Wood Subfloor Preparation

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

Wood subfloors must be primed with a Maxxon® floor primer prior to Maxxon Commercial Level EZ application of a minimum depth of 3/4”.

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 pouring Maxxon Commercial Level EZ, contact a structural engineer to determine the appropriate remediation.

All concrete subfloors should be tested for moisture prior to pouring Maxxon Commercial Level EZ (see Limitation 4). Moisture-free concrete subfloors and exposed edges must be primed with Maxxon® Commercial Multi-Use Acrylic Primer prior to pouring Maxxon Commercial Level EZ. See the Maxxon® Commercial Multi-Use Acrylic Primer TDS at Maxxon.com for more information.

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. Remove any parts of the gypsum subfloor that has de-bonded.

For resurfacing of hard, well bonded gypsum underlayment, use Maxxon Commercial Multi-Use Acrylic Primer. For repair of damaged or dusty old underlayment, 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.

For more general information regarding priming instructions, please refer to Maxxon’s Design and Installation guide or contact Maxxon Corporation.

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 mechanically 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 barrel (15 gallon)
- 1 gallon measuring tool
- High-speed mixing drill (850 rpm) with Jiffy (preferred) or egg-beater mixing paddle
- Gauge rake
- Smoother/spreader
- Non-metallic cleated shoes
- 6”x6” welded wire mesh (for installations over wood subfloor)

**Mixing**

Using a 15-gallon mixing barrel, combine Maxxon Commercial Level EZ powder and 4.5 to 5.0 qts of water using a high-speed mixer (850 rpm) with a Jiffy-type mixing paddle. Note - water must be added to mixing barrel first, then mix in powder. If needed, increase water to no more than 5.25 total qts per 50 lb bag. A typical mix consists of two bags of Maxxon Commercial Level EZ powder with the correct amount of water per bag. Mix to a homogenous, lump-free consistency for approximately 2.5 minutes. Do not overmix. Overmixing can cause air entrainment, which can shorten workability time and/or cause pinholes during application.

For pumping instructions, please contact Maxxon Corporation.

**Application Over Existing Concrete or Gypsum**

Pour Maxxon Commercial Level EZ slurry from mixing barrel directly onto the primed floor. Immediately after placing Maxxon Commercial Level EZ, spread the material using a gauge rake to assist in achieving the desired depth. Follow with a smoother to remove surface air bubbles.
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 underlayment will be installed prior to doors and windows, contact Maxxon Corporation.

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

3. Maxxon underlayments are not intended to bond to wet subfloors. They are not a vapor or moisture barrier. Never install a moisture vapor barrier product over Maxxon underlayments. Do not use where those products 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 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 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 underlayments 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 the subfloor with oil-based or silicon-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 underlayments may be scheduled before or after installation of drywall. For pouring 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.

11. 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.

12. Avoid walking on installed surface until set, typically within 2–4 hours.

13. Trade traffic may resume 24 hours after installation. After trades resume, the underlayment may be exposed to rolling dynamic loads. To limit damage where underlayment will be subjected to heavy wheeled or concentrated loads, place temporary wood planking over the underlayment.

14. Prior to floor-covering installation, a moisture test of Maxxon Commercial Level EZ is highly recommended. When testing the underlayment for dryness, use ASTM F2659. The moisture content should not exceed 5%. 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 Level EZ can be used as part of a wear surface system with a tested protective coating system. Coating systems must be tested for adhesion to Maxxon Commercial Level EZ. The bond test and performance of coatings is the responsibility of the coating manufacturer and/or installing contractor.
FLOOR COVERING CONSIDERATIONS

Dry times are a function of job site conditions and are impacted by site temperature and ventilation. Floor goods can be installed when Maxxon Commercial Level EZ passes moisture testing as recommended by the floor covering manufacturer. At depths up to 1/2", moisture insensitive flooring such as ceramic tile can typically be installed in about 16 hours, and most other floor coverings can be installed in about 24 hours. Deeper pours will require longer dry times.

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          TYPE Maxxon High Strength FLOOR TOPPING MIXTURE

FIRE RESISTANCE CLASSIFICATION

SEE UL FIRE RESISTANCE DIRECTORY AND UL PRODUCTS CERTIFIED FOR CANADA DIRECTORY

88KL

For mixing instructions refer to specific design number

ICC ESR-2540
UL ER8477-01

C-002

Maxxon Corporation
920 Hamel Road  PO Box 253
Hamel, Minnesota  55340
800-356-7887
maxxon.com
info@maxxon.com

@Maxxon.Corporation
maxxon-corporation

Maxxon Corporation assumes no responsibility or liability for any errors or omissions in the content of this document. The information contained is subject to change without notice. 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.

©2023 Maxxon Corporation. All Rights Reserved. Gyp-Crete, Level EZ and associated logos are registered trademarks of Maxxon Corporation, Hamel, MN, USA. Other trademarks, registered trademarks, product names or logos displayed are the property of their respective owners.