MAXXON®
COMMERCIAL

EZ Crete™

TECHNICAL DATA SHEET
FEBRUARY 2026

PRODUCT DESCRIPTION

Maxxon® Commercial EZ Crete™ underlayment is engineered for leveling, smoothing and repairing interior gypsum, concrete and lightweight concrete subfloors prior to the installation of finished floor coverings. Maxxon Commercial EZ Crete provides a smooth, durable, and crack- and fire-resistant surface. It allows for quick installation times with minimal labor requirements.

WHERE TO USE

Application
Multifamily/light commercial wood frame and lightweight pre-cast, poured-in-place and pre-stressed concrete construction and renovation.

Subfloor
Interior gypsum, concrete and wood.

FEATURES & BENEFITS

- Low prep, economical solution for gypsum underlayment and concrete resurfacing
- Provides a smooth, flat surface, compatible with virtually all floor coverings
- Ideal for deeper installations
- More than 140 UL & ULC Fire Resistance-Rated Designs
- Ready for foot traffic in 2 to 4 hours
- Compatible with in-floor radiant heating systems
- GREENGUARD Gold Certified

PRODUCT INFORMATION

Compressive Strength (Modified ASTM C472)	Minimum 4,000 psi (27.6 MPa)
Installation Depths	From 1/4" to 3" (9.5–76 mm) over concrete. From 3/4" to 3" (19–76 mm) over wood. For deeper pours, contact Maxxon® Corporation.
Dry Density	115–125 lbs./ft³ (1842–2002 kg/m³)
Fire Performance (ASTM E84)	Flame Spread – 0 Fuel Contribution – 0 Smoke Development – 0
Coverage (per 50 lb. bag)	1/4" (9.5 mm): 24 ft² (2.22 m²) 1/2" (13 mm): 12 ft² (1.11 m²) 3/4" (19 mm): 8 ft² (0.74 m²)



ENVIROMENTAL IMPACT

Sample USGBC LEED® Credit Areas*		
Project	**Credit**	**Category**
Environmental Quality	EQ 2	Low Emitting Materials
	EQ 4	Indoor Air Quality Assessment
	EQ 9	Acoustic Performance
Material & Resources	MR 3	Building Product Disclosure and Optimization – Sourcing Raw Materials

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

Maxxon Commercial EZ Crete is GREENGUARD Gold Certified. For additional information on Maxxon Commercial EZ Crete's environmental credits and certifications visit Maxxon.com/go_green.

CODE LISTINGS

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

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 EZ Crete 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 EZ Crete.

Refer to Maxxon's Multifamily Procedures 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 EZ Crete application.

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 EZ Crete, contact a structural engineer to determine the appropriate remediation.

All concrete subfloors should be tested for moisture prior to pouring Maxxon Commercial EZ Crete (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 EZ Crete. 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 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.

INSTALLATION *Continued*

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.

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

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 EZ Crete powder and 4.25–5.0 qts. (4.0–4.7 L) 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. A typical mix consists of two bags of Maxxon Commercial EZ Crete 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.

INSTALLATION *Continued*

Application Over Existing Concrete or Gypsum

Pour Maxxon Commercial EZ Crete slurry from mixing barrel directly onto the primed floor. Immediately after placing Maxxon Commercial EZ Crete, spread the material using a gauge rake to assist in achieving the desired depth. Apply enough material to adequately cover all high points with a minimum of 1/4" (10 mm) of material. Follow with a smoother to remove surface air bubbles.

Application Over Wood Subfloor

Pour Maxxon Commercial EZ Crete slurry from mixing barrel directly onto primed subfloor. Immediately after placing Maxxon Commercial EZ Crete, spread material using a gauge rake to assist in achieving the desired depth. Apply material to a minimum depth of 3/4" (19 mm). Follow with a smoother to remove surface air bubbles.

Drying

Continuous ventilation and adequate heat should be provided to rapidly remove moisture from the area until the underlayment is dry. The general contractor/project superintendent must supply mechanical ventilation and heat if necessary. Under the above conditions, 3/4" (19 mm) thickness drying time is usually 5 to 7 days, while 1" (25 mm) dry time is usually 7–10 days. Reference Maxxon® Underlayment & Finished Floor Goods Installation Procedures brochure at Maxxon.com for complete installation guidelines.

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 Maxxon recommends the use of a moisture mitigation product such as Maxxon Commercial MVP One, Maxxon Commercial MVP Two, or Maxxon Commercial Isolate. Contact Maxxon Corporation for recommendations on suitable products for job site conditions.
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.

LIMITATIONS *Continued*

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 ft^2 (92.9 m^2)/24 hours or an RH greater than 80%, treat the concrete subfloor with Maxxon® Commercial MVP One Moisture Mitigation 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 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 wood or concrete 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 in preparation for Maxxon Commercial EZ Crete application.
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 nor the Maxxon applicator.
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.

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LIMITATIONS *Continued*

14. Prior to floor-covering installation, a moisture test of Maxxon Commercial EZ Crete is highly recommended. When testing the underlayment for dryness, use ASTM F2659. The moisture content should not exceed 5%. If the Maxxon Commercial EZ Crete pour is greater than 2", test using ASTM F2170. That 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 EZ Crete cannot be used as part of a wear surface system.

FLOOR COVERING CONSIDERATIONS

Floor goods can be installed once Maxxon Commercial EZ Crete passes a moisture test. See Limitation 14. 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.

ICC ESR-2540
UL ER8477-01

CLASSIFIED C UL US
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

GREENGUARD GOLD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

★MADE IN USA★

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JOB NAME: _____ DATE: _____

APPLICATOR: _____

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