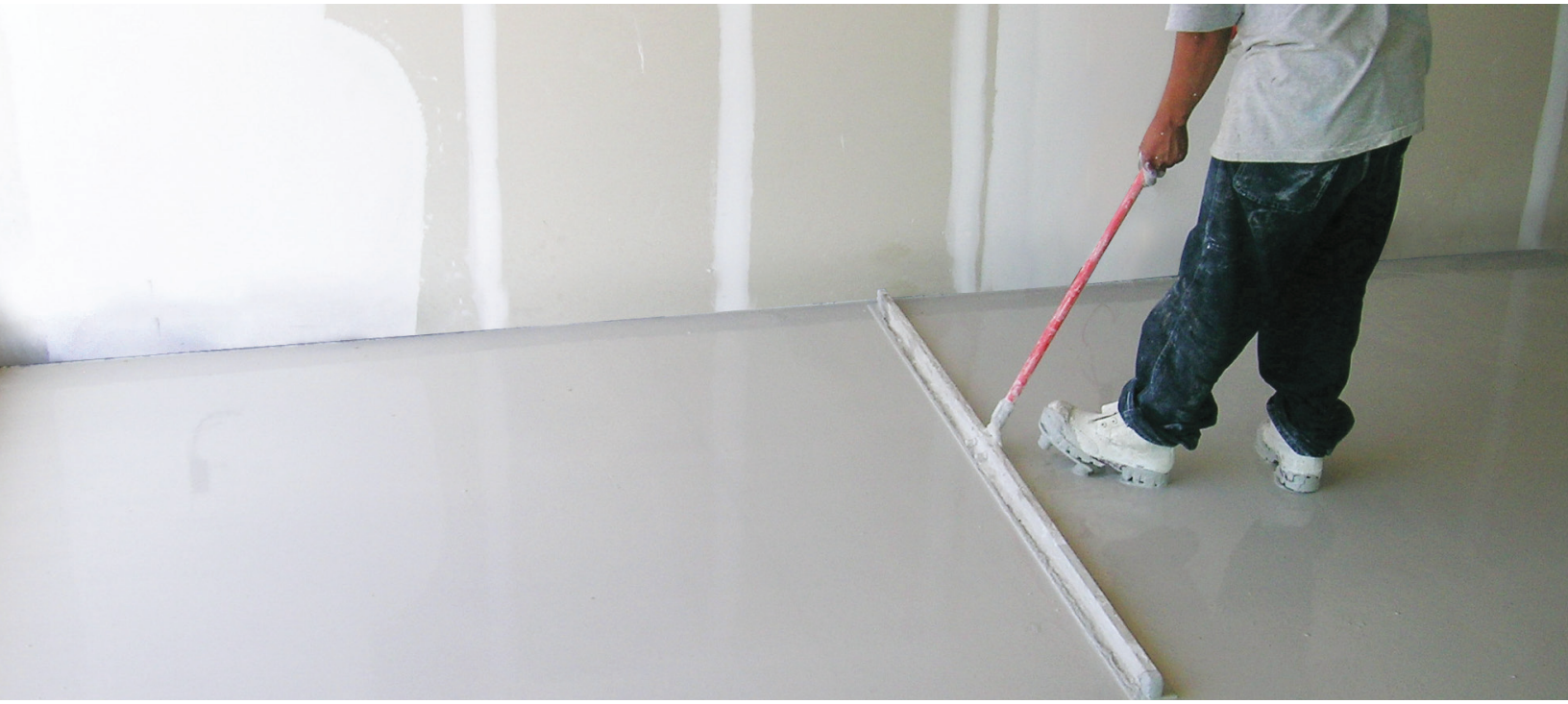
another superior product from MAXXON CORPORATION

SAFER, QUIETER STRUCTURES

GYP-CRETE®



GYP-CRETE®
FOR MULTIFAMILY SOUND AND FIRE CONTROL

FIRE & SOUND PROTECTION

Gyp-Crete® Floor Underlayment is one of the most efficient fire and sound control products available. In wood frame and concrete projects, Gyp-Crete makes for safer, quieter living.

Gyp-Crete is mixed on-site and pumped onto a structurally sound, broom-clean subfloor. It fills the space where the wallboard meets the floor, completely sealing room perimeters, protecting the base plates from the spread of fire. It reduces smoke leaks, too.

Gyp-Crete also reduces horizontal and vertical sound transmission. Complete UL fire ratings and acoustical test data available upon request.

QUALITY ON EVERY POUR

Gyp-Crete sets up quickly. It can be walked on after 90 minutes, allowing other light subtrades to begin the next day. It has a flat, non-dusting surface with no shrinkage cracking – ideal for virtually any floor covering.

Gyp-Crete is always a "green" building material, manufactured with recycled content. It also meets the stringent VOC requirements of the new GREENGUARD Select Certification Program.SM

With more than 3.5 billion square feet of installation experience, Gyp-Crete dealers know how to deliver quality.

Specify Gyp-Crete Floor Underlayment for performance and value — from Maxxon®, the "Green" Floor Specialists.

GYP-CRETE
Always a "Green" Building Material

GYP-CRETE
FLOOR UNDERLAYMENT

INSTALLATION METHODS

Consult your authorized Maxxon dealer for the appropriate mix design and compressive strength to meet the needs of your project.

The minimum thickness of Gyp-Crete over wood subfloors varies with the type of floor system used. Minimum wood frame construction is agency-approved 19/32" (15 mm), 40/20 veneer and nonveneer subfloor panels.

Preferred wood frame construction is 3/4" (19 mm) Gyp-Crete over 3/4" (19 mm) tongue-and-groove, agency-approved subfloor with joists, truss or beam spacings of 16" to 24" (406 mm to 609 mm) o.c.

Over concrete, the minimum thickness of Gyp-Crete is usually 1/2" (13 mm). However, the 1.4 mix design can be featheredged. In wood renovation, Gyp-Crete is installed at a minimum depth of 3/4" (19 mm).

Continuous ventilation and adequate heat should be provided to rapidly remove moisture from the area until underlayment is dry. The general contractor 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. Reference the *Building Conditions Guide* brochure for complete installation guidelines.

Gyp-Crete requires a floor covering. Contact your authorized dealer for recommendations for adhering floor goods. Or call or write for a copy of the Maxxon brochure *Procedures for Attaching Finished Floor Goods to Maxxon Underlayments*. It is the responsibility of the floor goods installer to determine the compatibility of their product with a particular floor underlayment.

LIMITATIONS

- The typical maximum depth of Gyp-Crete is 3" (76 mm). For depths greater than 3" (76 mm), contact an authorized dealer.
- All materials above crawl spaces must be protected by a vapor barrier.
- During construction, place temporary wood planking over underlayment wherever it will be subjected to heavy wheeled or concentrated loads.
- Gyp-Crete is not designed to be installed on or below grade, except over well-drained structural substrates.
- Gyp-Crete cannot resist stresses caused by structural movement.
- The structural floor should be adequate to withstand design loads with deflection limitations of L/360. The structural subfloor and floor joist must both comply with manufacturers' maximum span criteria. Typically a deflection limitation of L/360 is adequate for Maxxon Underlayments. Some floor coverings may require a stiffer floor system. Maxxon Underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors. Necessary allowances should be made for expected live, concentrated, impact, and/or dead loads including the weight of finished floor goods and setting beds.
- Gyp-Crete should not be used for exterior application, or where it will come in prolonged contact with water.
- Gyp-Crete should not be directly applied to a plastic vapor barrier.
- Maxxon Underlayments are "breathable" and not a vapor barrier. The general contractor, architect, specifier, or building owner shall test slabs-on-ground or elevated slabs for MVER (ASTM F1869-09) or RH (ASTM F2170). If the MVER or RH of the concrete substrate exceeds the floor covering manufacturer's respective requirements for the finished flooring system, the concrete must be treated with a moisture vapor barrier, such as Maxxon DPM or Maxxon MVP, before installation of a Maxxon Underlayment.

ACOUSTICAL PERFORMANCE

The acoustical performance of all Maxxon Underlayments is similar. Visit www.MaxxonCorporation.com or contact Maxxon Corporation for reports.

CODE LISTINGS

ICC-ES Evaluation Reports ICC ESR-1141, ICC ESR-1153, ICC ESR-1774 and ESR-2540. Contact Maxxon Corporation for major city approvals. GREENGUARD Indoor Air Quality Certified, GREENGUARD Children & Schools Certified and GREENGUARD Select Certified.

*DRYING CONDITIONS

Maxxon Underlayments are inorganic and provide no source of nutrients to sustain mold growth. Prolonged contact of moisture with other construction materials, however, can result in mold growth. To avoid growth of mold on construction materials such as wallboard, drywall compound and even dust, it is vital to maintain a low relative humidity both before and after placement of Maxxon Underlayments.

The general contractor must provide and maintain correct environmental conditions to keep the building clean and dry, and protect against infestation of moisture from a variety of potential sources. Moisture can be introduced by other trades through spillage, tracked in mud and rain, plumbing leaks, etc. Often stored in damp conditions, building products may arrive on site laden with moisture that releases after installation. Outside sources such as rain, snow, wind, etc. can also increase moisture levels.

Controlling moisture levels in the building, through appropriate trade sequencing and prevention of potential damage by other trades, is the responsibility of the general contractor. The general contractor must supply mechanical ventilation and heat if necessary. These controls fall under the scope of work of the general contractor — not Maxxon Corporation or the Maxxon Underlayment installer.

See *Maxxon Building Conditions Guide* for additional information.

TESTING

Compressive strength testing must be performed in accordance with modified ASTM C472-79. Before independent sampling, contact the Maxxon Quality Assurance Department to ensure that proper procedures are followed.

WARRANTY

Maxxon Corporation warrants Gyp-Crete Floor Underlayment to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the Gyp-Crete ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of Gyp-Crete.

Because Maxxon Corporation does not perform the actual Gyp-Crete installation, it cannot be held responsible for the results of the application. Maxxon Corporation specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Maxxon Corporation's part. Maxxon Corporation neither assumes nor authorizes any person to assume for Maxxon Corporation any liability in connection with the sale and installation of Gyp-Crete Floor Underlayment.

SAMPLE USGBC LEED® CREDIT AREAS IMPACTED BY GYP-CRETE*

Project	Credit	Category	How Requirement is Fulfilled
Indoor Environmental Quality	IEQ 3.2	Air Quality Before Occupancy	GREENGUARD Certified (Testing MUST be performed before claiming credit)
	IEQ 4.3	Low Emitting Materials: Floor System	GREENGUARD Children & Schools Certified
Materials & Resources	MR 2	Construction Waste Management	Recyclable Packaging and Shipping Materials
	MR 4	Recycled Content	Fly Ash
	MR 5	Local/Regional Materials	Manufactured in Blue Rapids, KS 66411; Las Vegas, NV 89036; Camden, NJ 08103; Job Site Manufactured with Local Sand & Water
Innovation & Design	ID 1	Sound Control	Enhanced Acoustical Living Environment

* Credits will vary depending on project type and Maxxon products used. Contact Maxxon Corporation for complete information.

TECHNICAL DATA

Compressive Strength..... Up to 2,200 psi (15 MPa)

"K" Factor..... 4.75 (Btu•in)/(h•ft²•°F) (.6840 W/[m•°C])

Specific Heat..... 0.223 Btu/(lb•°F) at 85 °F (.9343 kJ[kg• °C] at 29.44 °C)

Weight..... At 3/4", 6.9 lbs (At 19 mm, less than 31.8 kg/m²)

Dry Density..... 110 lbs/ft³ (1,760 kg/m³)

Point Loading..... Minimum loading of 550 lbs on a 1" (250 kg on a 25.4 mm) diameter disc

Fire Performance ASTM E-84

- Fuel Contribution..... 0
- Smoke Density..... 0
- Flame Spread..... 0

VOC Emissions..... GREENGUARD Select Certified

FIRE RATINGS — UL Design

														ULC Design	
G524	J931	L202	L501	L508	L515	L523	L530	L538	L545	L557	L574	L592	M505	I530	M503
G561	J957	L206	L502	L509	L516	L524	L532	L539	L546	L558	L579	L593	M508	L003	M513
J917	J958	L208	L503	L510	L517	L525	L533	L540	L547	L560	L581	L599	M510	L201	M514
J919	J991	L209	L504	L511	L518	L526	L534	L541	L549	L562	L583	M500	M511	L511	M517
J920	J994	L210	L505	L512	L519	L527	L535	L542	L551	L563	L585	M502	M513	L512	M520
J924	L006	L211	L506	L513	L520	L528	L536	L543	L552	L564	L588	M503	M514	M500	M521
J927	L201	L212	L507	L514	L522	L529	L537	L544	L556	L573	L589	M504	M515	M501	

Another superior product from:
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Hamel, MN 55340 USA • 763-478-9600 • Fax: 763-478-2431

Certified WBENC Women's Business Enterprise

MADE IN THE USA

For more info: 800-356-7887
Email: info@maxxon.com
www.Maxxon.com

GYP-CRETE FLOOR UNDERLAYMENT

Select GREENGUARD Indoor Air Quality Certified

The GREENGUARD SELECT℠ mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.

THE MAXXON GREEN MARK
Maxxon products with this symbol may help contribute toward points for LEED project certification.

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