

**MAXXON'S NEW GENERATION IN UNDERLAYMENT PERFORMANCE.
STRONGER, TOUGHER, FASTER DRYING...**

Gyp-Crete 2000[®]

3.2K_{psi}

**Renovation
Light Commercial
Single-Family
Multifamily**



The next generation in underlayment performance is here. Maxxon[®], the underlayment pioneer, leads the industry once again with Gyp-Crete 2000[®]/3.2K.

With Gyp-Crete 2000/3.2K, we've raised more than the compressive strength — we've raised the bar on underlayment performance. Gyp-Crete 2000 delivers compressive strengths between 2000 psi (13.8 MPa) and 3200 psi (22.1 MPa), enhanced resistance to surface abrasion, and fast drying time. It's ideal for use over wood subfloors in single-family, light commercial and multifamily construction, as well as renovation projects. Its crack-resistant surface provides a perfect base for practically any floor covering.



The Village Shops and Apartments at
St. Anthony Falls, Minneapolis, MN

**NEW! GYP-CRETE 2000/3.2K NOW
ALWAYS A "GREEN" BUILDING MATERIAL**



Gyp-Crete 2000 is poured to a minimum of 3/4" (19 mm) over wood. By varying the depth, your applicator can correct a floor that has sagged out of level, and compensate in areas requiring smooth transitions between floor coverings of different heights.

With application rates up to 40,000 square feet (3,716 m²) in a single day, Gyp-Crete 2000 can match the most ambitious construction schedule. Following application, it can be walked on within 90 minutes. By the next day it easily withstands the punishment of construction activity. And unlike lightweight concrete, Gyp-Crete 2000 won't shrink crack.

Gyp-Crete 2000 is always a "green" building material, manufactured from recycled content. It is GREENGUARD Indoor Air Quality and Children & Schools Certified.

Gyp-Crete 2000 also enhances sound control by:

- Sealing perimeter cracks, preventing sound leaks from room to room
- Stiffening the floor, virtually eliminating squeaky floors and nail pops
- Muffling sound transmission, despite its light weight.

Builders and owners alike appreciate Gyp-Crete 2000 because it won't warp or delaminate like plywood. Its noncombustible gypsum content also enhances fire safety, by slowing the spread of fire and helping prevent smoke leaks.





Not all underlayment products perform like Maxxon® products...

Specify Gyp-Crete 2000®/3.2K for performance and value.

***Drying Conditions:** Maxxon gypsum 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 gypsum 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 gypsum underlayment installer.

Testing: Compressive strength testing must be performed in accordance with modified ASTM C 472-79. Before independent sampling, contact the Maxxon Corporation quality control department to ensure that proper procedures are followed.

Warranty: Maxxon Corporation warrants Gyp-Crete 2000 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 2000 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 2000.

Because the Maxxon Corporation does not perform the actual Gyp-Crete 2000 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 2000 Floor Underlayment.



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- Higher strength, abrasion resistant
- Smooth, flat surface
- Faster drying, efficient application
- Upgraded impact sound control with optional Acousti-Mat® Sound Control Systems
- No shrinkage cracks to patch

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 2000 over wood subfloors varies with the type of floor system used. See chart below.

Minimum wood frame construction is agency-approved $1\frac{1}{32}$ " (15 mm), 40/20 veneer and nonveneer subfloor panels.

Preferred wood frame construction is $\frac{3}{4}$ " (19 mm) Gyp-Crete 2000 over $\frac{3}{4}$ " (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 2000 is usually $\frac{1}{2}$ " (13 mm). However, the 1.4 mix design can be featheredged. In wood renovation, Gyp-Crete 2000 is installed at a minimum depth of $\frac{3}{4}$ " (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, $\frac{3}{4}$ " (19 mm) thickness drying time is usually 5 to 7 days.

Gyp-Crete 2000 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.

- Sound and fire control
- Thinner applications, lower dead loads
- May contribute up to 11 LEED points with recycled content and GREENGUARD® Certifications
- From Maxxon®, the "Green" Floor Specialists

Limitations:

- The typical maximum depth of Gyp-Crete 2000 is 3" (76 mm). For depths greater than 3" (76 mm), contact an authorized dealer.
- Gyp-Crete 2000 may be scheduled before or after installation of drywall.
- 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 2000 is not designed to be installed on or below grade, except over well-drained structural substrates.
- The structural floor should be adequate to withstand design loads with deflection limitation of L/360.
- Gyp-Crete 2000 should not be used for exterior application, or where it will come in prolonged contact with water.
- Gyp-Crete 2000 should not be directly applied to a plastic vapor barrier.
- Concrete moisture or vapor emission must be eliminated by others prior to a Maxxon underlayment application for below grade, on grade or suspended slabs.

Acoustical Performance: The acoustical performance of Gyp-Crete 2000 is similar to Gyp-Crete®. Contact Maxxon Corporation for reports.

Code Listings: ICC-ES Legacy Reports ESR-2540, ESR-1141 and 90-31.01. Contact Maxxon Corporation for major city approvals. GREENGUARD Indoor Air Quality and Children & Schools™ Certified®

FIRE RATINGS

UL Design #		
G524	L511	L552
G561	L512	L555
J917	L513	L556
J919	L514	L557
J920	L515	L558
J924	L516	L560
J927	L517	L562
J931	L518	L563
J957	L519	L564
J958	L520	L573
J966	L522	L574
J991	L523	L575
J994	L524	L579
K906	L525	L581
L004	L526	L583
L005	L527	L585
L006	L528	L588
L201	L529	L589
L202	L530	L592
L206	L533	L593
L208	L534	L594
L209	L535	L599
L210	L536	M500
L211	L537	M503
L212	L538	M504
L501	L539	M505
L502	L540	
L503	L541	
L504	L542	
L505	L543	
L506	L545	
L507	L546	
L508	L547	
L509	L549	
L510	L551	

ULC Design

L003	M500	M514
L201	M501	M517
L511	M503	
L512	M513	

SUBFLOOR THICKNESS

TRUSS, BEAM OR JOIST SPACING

GYP-CRETE 2000®/3.2K MINIMUM THICKNESS

$1\frac{1}{32}$ " (15 mm) [$\frac{3}{8}$ "]	16"-19.2" o.c. (406-487 mm)	$\frac{3}{4}$ " (19 mm)
$1\frac{1}{32}$ " (15 mm) [$\frac{3}{8}$ "]	19.2"-24" o.c. (487-610 mm)	1" (25 mm)
$2\frac{1}{32}$ " (18 mm) [$\frac{3}{4}$ "]	16"-24" o.c. (406-610 mm)	$\frac{3}{4}$ " (19 mm)

SAMPLE USGBC LEED CREDIT AREAS IMPACTED BY GYP-CRETE 2000/3.2K "GREEN" FLOOR UNDERLAYMENT*

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 2.1-2.2	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 living environment

* Credits will vary depending on project type and Maxxon products used. Contact Maxxon Corporation for more details. Gyp-Crete 2000/3.2K is GREENGUARD Children & Schools™ Certified. Contact Maxxon for details.



The GREENGUARD INDOOR AIR QUALITY CERTIFIED® Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.



The Maxxon Green Mark
Maxxon products with this symbol are LEED-compliant and may help contribute toward valuable points for LEED project certification.