



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Maxxon Corporation**  
**920 Hamel Road**  
**Hamel, MN 55340**

Your application for Notice of Acceptance (NOA) of:

**Gyp-Crete Gypsum Floor Underlayment**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 00-1102.02**  
**EXPIRES: 11/05/2005**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL**  
**CONDITIONS**  
**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 04/26/2001**

**Maxxon Corporation.**

**ACCEPTANCE NO: 00-1102.02**

**APPROVED: APR 26 2001**

**EXPIRES: 11/05/2005**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1 This renews the Notice of Acceptance No. 97-0430.02 that was issued on 11/05/97. It approves a floor underlayment as described in Section 2 of this Notice of Acceptance designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County (SFBC) and installed as shown on the Designs of the Underwriters Laboratory Directory, listed on the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1 **The Gyp-Crete gypsum cement** shall be fabricated in strict compliance with the following documents: Drawing No. 1, sheet 1 of 1, titled "Bar Joist Framing", dated March 2001 with no revisions. They bear the Miami Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall herein after be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1 This underlayment may be used as shown on the Designs of the Underwriters Laboratory Directory or within fire rated assemblies if such assemblies are tested in accordance with ASTM E119.

**4. INSTALLATION**

- 4.1 All installations shall be performed by trained applicators acceptable by the manufacturer in accordance with the manufacturer specifications, the South Florida Building Code and this Notice of Acceptance.

**5. LABELING**

- 5.1 Each bag of Gyp-Crete shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement "Dade County Product Control Approved".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1 Application for Building Permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance including duplicate copies of the approved drawings as identified in Section 2 clearly marked to show the design selected for the proposed installation.
- 6.1.2 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of this system



Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

**Maxxon Corporation.**

**ACCEPTANCE NO.: 00-1102.02**

**APPROVED: APR 26 2001**

**EXPIRES: 11/05/2005**

**NOTICE OF ACCEPTANCE STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



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Product Control Division

**END OF THIS ACCEPTANCE**

**Maxxon Corporation**

**ACCEPTANCE NO: 00-1102.02**

**APPROVED: APR 26 2001**

**EXPIRES: 11/05/2005**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**  
**(For File ONLY. Not part of NOA)**

**A DRAWING**

1. Drawing No.1, sheet 1 of 1, prepared by Maxxon Corporation, titled "Bar Joist Framing", dated March 2001, with no revisions, signed and sealed by J.D. Lee PE.

**B TEST**

	Laboratory Report	Test	Date	Signature
1.	Maxim 3003 70-0220	ASTM C472	07/15/97	J. D. Lee, PE

**C CALCULATION**

N/A

**D MATERIAL CERTIFICATION**

1. Underwriter Laboratories fire resistance-rating designs tested per ASTM E119.  
N/A

**E STATEMENTS**

1. No-change letter issued by Maxxon Corporation, dated 10/24/00, and signed by M. Glampe.



Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

E1

# GYP-CRETE®

## DESCRIPTION:

This is Gyp-Crete® Gypsum cement, a non-structural, insulating, fire and sound proofing material for interior installation, manufactured to the below mentioned specification.

## USE:

Mixing Proportion		
Gypsum Cement	Gyp-Crete Underlayment Compound	#80 (one bag)
Sand	1/16" or less washed mason, mortar or plaster sand	2.1 cu. ft.
Water (slump 7")	Free from impurities	6-8 gallons
Compressive Strength	1600 PSI	

### For Wood Frame Construction:

- Framing consisting of wood joist or floor trusses engineered as required with or without attached ceiling and insulation
- Plywood consisting of 5/8" minimum, 42/20 exterior glue, underlayment grade, GC plugged and all grades of sanded exterior type
- Spray on one coat of Maxxon® primer, applied at rate of 1 gal/300 FT<sup>2</sup>
- 3/4" minimum of Gyp-Crete
- Approved floor covering

### For Wood Renovation:

The wood surface shall be treated with SS-1 asphalt emulsion and left to cure from 20 to 24 hrs. before applying Gyp-Crete.

### Over Concrete Decks:

Primer shall be determined by an agent of Maxxon Corporation. Water may be used as primer on surfaces having an 11% or greater water absorption capacity. 1/2" minimum Gyp-Crete is poured in place after partitions are installed so as to act as a sealant (construction joints).

### Over Polystyrene Insulation:

EPS boards shall meet federal specifications HH-1-5245 type IV and be perforated with a 1" diameter hole, 12" o/c each way. Boards will be set in a Gyp-Crete slurry and primed with Maxxon floor primer applied at a rate of 300 sq. ft. per gallon. A 1" (minimum) coating of Gyp-Crete is installed over the polystyrene.

The above listing does not pretend to be all-inclusive; other uses may be considered by the building official upon production of evidence that the South Florida Building Code requirements are met or exceeded.

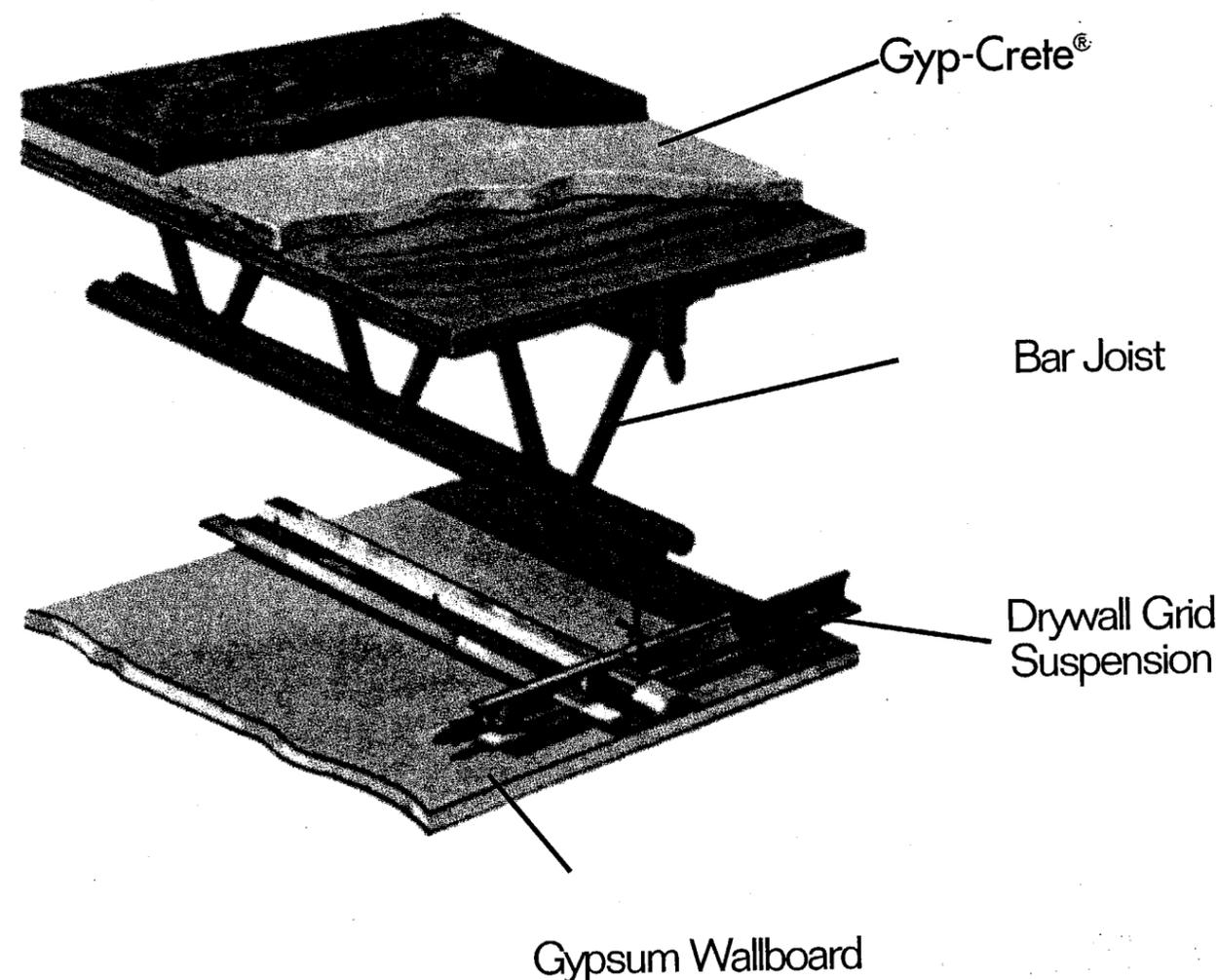
Mixing Characteristics		
Compressive Strength	1000 PSI	ASTM C-472
Density (Dry)	100 PCF	ASTM C-472

## FIRE RATING UL DESIGN NUMBER

Fire Rating UL Design Number	Type of Construction
J917	.Precast Concrete
J919	.Precast Concrete
J920	.Precast Concrete
J924	.Precast Concrete
J927	.Precast Concrete
J931	.Precast Concrete
J957	.Precast Concrete
J966	.Precast Concrete
J991	.Precast Concrete
J994	.Precast Concrete
K906	.Precast Concrete
L206	.Wood Frame
L501	.Wood Frame
L505	.Wood Frame
L511	.Wood Frame
L512	.Wood Frame
L513	.Wood Frame
L514	.Wood Frame
L518	.Wood Frame/C. Wood Joist
L524	.Steel Joist
L525	.Wood Frame
L528	.Wood Frame/Floor Truss
L529	.Wood Frame/Floor Truss
L530	.Wood Frame/C. Wood Joist
L531	.Wood Frame/C. Wood Joist
L532	.Wood Frame
L534	.Wood Frame/Floor Truss
L535	.Wood Frame
L536	.Wood Frame
L537	.Wood Frame
L538	.Wood Frame
L541	.Wood Frame
L544	.Wood Frame

For Fire Rating and Components see Underwriters Laboratory Directory

# BAR JOIST FRAMING



TYPICAL INSTALLATION

*John P. Lee*  
3-28-01

### FOR OFFICE USE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE <b>APR 26 2001</b>	<b>MAXXON CORPORATION</b> 920 Hamel Road Hamel, MN 55340
BY <i>[Signature]</i>	Bar Joist Framing
PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. <b>00-1102.02</b>	Drawing Number 1 Sheet Number 1 Drawing Date 3/01 Revision Date
	Reviewed by: John P. Lee, P.E., Civil Engineer, FPE #52493