With Gyp-Crete 2000/3.2K, we raised more than the compressive strength — we raised the bar on underlayment performance. Gyp-Crete 2000/3.2K delivers compressive strengths between 2,000 psi (13.8 MPa) and 3,200 psi (22.1 MPa), enhanced resistance to surface abrasion, and faster drying time. It’s ideal for use over wood subfloors in single family, light commercial and multifamily construction, as well as renovation projects. Its shrink crack-resistant surface provides a perfect base for practically any floor covering.

Gyp-Crete 2000/3.2K 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 2000/3.2K can match the most ambitious construction schedule. Following application, it can be walked on within 90 minutes. And unlike lightweight concrete, Gyp-Crete 2000/3.2K won’t shrink crack.

Gyp-Crete 2000/3.2K is an eco-friendly building product and is GREENGUARD and GREENGUARD Gold Certified. Gyp-Crete 2000/3.2K 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 2000/3.2K 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.
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 2000/3.2K over wood subfloors varies with the type of floor system used. See chart below.

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 2000/3.2K over 3/4” (19 mm) tongue-and-groove, agency-approved subfloor with joists, truss or beam spacings of 16” to 24” (406 mm to 610 mm) o.c.

Continuous ventilation and adequate heat should be provided to rapidly remove moisture from the area until underlayment is dry. The general contractor/project superintendent must supply mechanical ventilation and heat if necessary.* Under the above conditions, 3/4” (19 mm) Gyp-Crete 2000/3.2K 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/project superintendent must supply mechanical ventilation and heat if necessary.* Under the above conditions, 3/4” (19 mm) Gyp-Crete 2000/3.2K is installed at a minimum depth of 3/4” (19 mm).

Additional consideration should be taken for concentrated/dynamic loads. U.S. building codes typically specify a uniform live load of 40 pounds per square foot for residential floor designs. This load is intended to account for large loads that can occur in a building. In reality these loads are not uniform, but rather consist of items such as furniture and appliances that actually induce concentrated loads far exceeding 40 lbs per sq ft. Rolling concentrated loads such as office chairs, wheelchairs, and motorized scooters add turning, twisting, and repetition, which should also be taken into consideration. Determining the appropriate structural design of the floor is not the responsibility of Maxxon nor the Maxxon applicator.

Gyp-Crete 2000/3.2K over 3/4” (19 mm) tongue-and-groove – 3/4” [19 mm] treated with a moisture vapor barrier, such as Maxxon DPM or Maxxon Footprint, before installation of a Maxxon Underlayment.

Gyp-Crete 2000/3.2K over wood subfloor – underlayment wherever it will be subjected to heavy wheeled or rolling concentrated loads.

3. All materials above crawl spaces must be protected by a vapor barrier.

For depths greater than 3” (76 mm), contact an authorized dealer.

Gyp-Crete 2000/3.2K cannot be directly applied to a plastic vapor barrier.

11. Maxxon Underlayments are “breathable” and not a vapor barrier. The general contractor/project superintendent, architect, specifier, or building owner shall test slabs-on-ground or elevated slabs for MVR (ASTM F1869) or EH (ASTM F2170). If the MVR or EH of the concrete substrate exceeds the floor covering manufacturer’s respective requirements for the finished floor system, the concrete must be treated with a moisture vapor barrier, such as Maxxon DPM or Maxxon MVP, before installation of a Maxxon Underlayment.

Gyp-Crete 2000/3.2K should not be used for exterior application, or where it will come in prolonged contact with water.

Installations

1. The typical minimum depth of Gyp-Crete 2000/3.2K is 3” [76 mm]. For depths greater than 3” [76 mm], contact an authorized dealer.

2. Gyp-Crete 2000/3.2K may be scheduled before or after the installation of drywall.

3. All materials above crawl spaces must be protected by a vapor barrier.

4. During construction, place temporary wood planking over underlayment wherever it will be subjected to heavy wheeled or concentrated loads.

5. Gyp-Crete 2000/3.2K is not designed to be installed on or below grade, except over well-drained structural substrates.


7. 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.

8. Additional consideration should be taken for concentrated/dynamic loads. U.S. building codes typically specify a uniform live load of 40 pounds per square foot for residential floor designs. This load is intended to account for large loads that can occur in a building. In reality these loads are not uniform, but rather consist of items such as furniture and appliances that actually induce concentrated loads far exceeding 40 lbs per sq ft. Rolling concentrated loads such as office chairs, wheelchairs, and motorized scooters add turning, twisting, and repetition, which should also be taken into consideration. Determining the appropriate structural design of the floor is not the responsibility of Maxxon nor the Maxxon applicator.

9. Gyp-Crete 2000/3.2K should not be used for exterior application, or where it will come in prolonged contact with water.

10. Gyp-Crete 2000/3.2K should not be directly applied to a plastic vapor barrier.

11. Maxxon Underlayments are “breathable” and not a vapor barrier. The general contractor/project superintendent, architect, specifier, or building owner shall test slabs-on-ground or elevated slabs for MVR (ASTM F1869) or EH (ASTM F2170). If the MVR or EH of the concrete substrate exceeds the floor covering manufacturer’s respective requirements for the finished floor 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-Esr Evaluation Report Esr-2540 and Ul Er 8477-01 for fire and sound code. Contact Maxxon Corporation for major city approvals.

GreenGuard Certified and GreenGuard Gold Certified.

Fire/Sound Ratings

Evaluation Reports - Meeting the Flood Loading Code

Acceptance by local building officials for the fire and sound code compliance. Evaluation Reports to technical report will verify the specific products meet the following code requirements andwaiver regulatory approvals. Minimum code requirement: Sound: 50 STC/RC; Fire: 1 Hour

Condition

Total Load

Fire Loading

FIRE RATINGS

Gyp-Crete 2000/3.2K cannot be directly applied to a plastic vapor barrier.

UL Design

G230 L01 S05 L05 L09 L09
G516 L02 S02 L10 S05 S05
G513 L02 S05 L09 L09 S05
G514 L02 S05 S05 L09 L09
G515 L02 S05 S05 L09 L09

UL Underwriters Laboratory International

UL ER 8477-01 for Fire and Sound Code

1. For more info: 800-356-7887

UL GreenMark

For additional information, visit www.maxxon.com/go_green.