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. For combined fire and sound ratings over a variety of assemblies, refer to the International Code Council’s Evaluation Report ESR-2540 or UL ER 8477-01.

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 shrink 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 GREENGUARD Gold Certification.

With more than 4 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.
INSTALLATION METHODS

Your authorized dealer for Maxxon Underlayments must be aware of the construction details of the building. The site visit will be a crucial aspect of the installation process. The installer must ensure that the installation is performed correctly and according to the manufacturer’s guidelines. Any defects or issues that arise during the installation process should be promptly reported to Maxxon Corporation.

LIMITATIONS

1. The maximum depth of Gyp-Crete is 3” (76 mm). For depths greater than 3” (76 mm), contact an authorized dealer.
2. All materials above crawl spaces must be protected by a vapor barrier.
3. During construction, temporary wood planking over underlayment will be subjected to heavy wheeled or concentrated loads.

*DRIED CONDITIONS*

Masonry Underlayments are inorganic and provide no source of nutrients to sustain 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. Prolonged contact of moisture with other construction materials, where it will come in prolonged contact with water, 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.

LAMINAR CONDITIONS

4. Gyp-Crete is not designed to be installed on or below grade, except over well-drained structural substrates.
5. Gyp-Crete cannot resist stresses caused by structural movement.
6. 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.

7. 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, wheel chairs, and motorized scooters add turning, twisting, repetition, and other dynamics which should also be considered. Determining the appropriate structural design of the floor is not the responsibility of Maxxon nor the Maxxon applicator.

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

9. Maxxon Underlayments are “breathable” and not a vapor barrier. The general contractor, architect, specifier, or builder owner shall test slabs-on-ground or elevated slabs for MVER (ASTM C970-09) or RH (ASTM F827). 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 DFM or Maxxon MVP, before installation of a Maxxon Underlayment.

ACOUSTICAL PERFORMANCE

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

*CODE LISTINGS*

For information regarding how Gyp-Crete may contribute toward points for LEED project credit, contact your Regional Representative at (800) 336-7887 or visit www.maxxon.com/go-green.

For more info: 800-336-7887
Email: info@maxxon.com
www.maxxon.com