SAFER, QUIETER STRUCTURES WITH GYP-CRETE® FLOOR UNDERLAYMENT

Gyp-Crete®

FLOOR UNDERLAYMENT

For sound and fire control in multi-family construction, original Gyp-Crete is still the best. Since 1972 it has become a standard in apartments, condominiums, townhouses, hotels and motels.

GYP-CRETE
FLOOR UNDERLAYMENT

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. That protects the base plates from the spread of fire. Reduces smoke leaks, too.

Gyp-Crete also reduces horizontal and vertical sound transmission.

Complete UL fire ratings, acoustical test data and consulting service are available. Gyp-Crete sets up quickly. It can be walked on after 90 minutes; painters and other finishing trades can begin the next day. It has a flat, non-dusting surface – with no shrinkage cracking – ideal for virtually any floor covering.

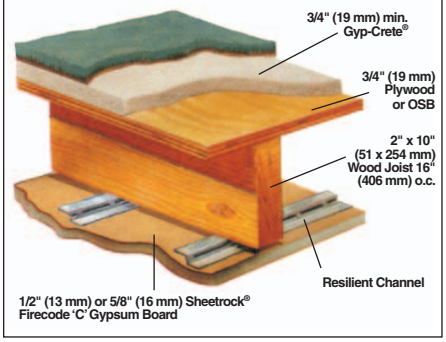
Use Gyp-Crete Floor Underlayment in your next project. It's available from quality-conscious applicators throughout North America. And, an ongoing program of quality checks ensures consistent pours.

So specify Gyp-Crete® Floor Underlayment for performance and value – from Maxxon®, the Floor Specialists.

Gyp-Crete® Technical Data	
Compressive Strength	Up to 2000 psi (14 MPa)
"K" factor	4.75 Btu/(h•ft²• °F) (.6840 W/[m• °C])
Specific Heat	.223 Btu/(lb• °F) at 85 °F (.9343 kJ[kg• °C] at 29.44 °C)
Weight	At 3/4", less than 6.5 lbs./sq. ft. (At 19 mm, less than 31.8 kg/m²)
Dry Density	100 lbs./ft.³ (1600 kg/m³)
Point Loading	Minimum loading of 550 lbs. on a 1" (250 kg on a 25.4 mm) diameter disc
Surface Burning Characteristics	Flame spread – 0 Fuel contributed – 0 Smoke density – 0

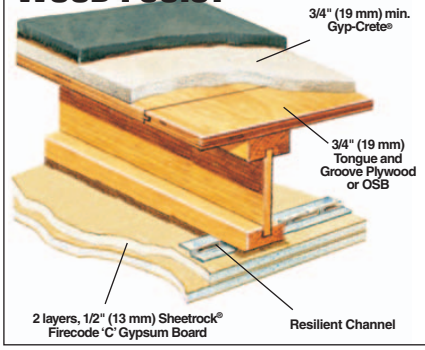
Underwriters' Laboratories of Canada Fire Rated Listings: L003, L201, L511, L512, M500, M501, M503, M508.

WOOD JOIST



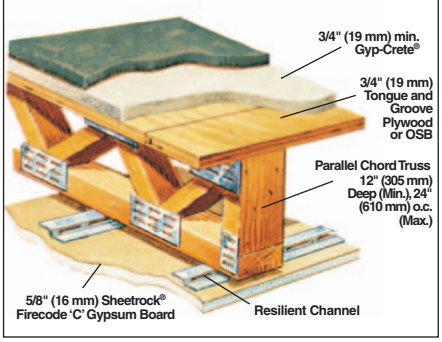
① FIRE TESTS, 1 Hour – U.L. Design Nos.
Gypsum board screwed direct - L501, L503, L506, L507, L509, L512, L519, L522, L537, L557; Resilient channel - L502, L513, L514, L515, L523, L535; 2 Layers gypsum board w/resilient channel - L517, L532; Acoustical ceiling - L001, L003, L004, L206, L525; Suspended ceiling - L005, L006, L201, L202, L208, L209, L210, L211, L212, L508, L526; w/batt insulation & furring channels - L508; furring channels - L510; w/resilient channel & batt insulation - L516, L533, L545;
1 ½ Hour – L532, w/batt insulation, furring channels & 2 layers Gypsum Board
For 2-hour ratings on above assembly see U.L. Design Nos. L505, L511, L536, L541

WOOD I JOIST



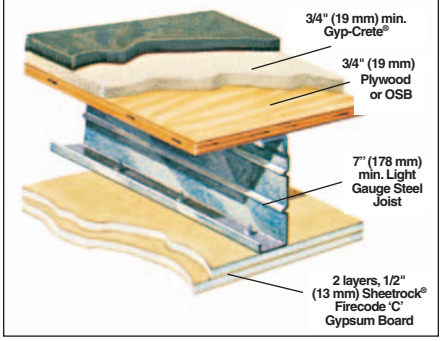
① FIRE TESTS, 1 Hour – UL Design No. L518; UL Design Nos. L530 and L531 w/Simpson strong-clips; 1 ½ Hour – UL Design No. L547 TJI®, furring channels without batt insulation; 2 Hour – UL Design No. L538
- 1 Hour – Jager JSI TM, 1 layer 5/8" Gypsum Board, insulation optional – UL Design No. L571
- 1 Hour – ITS (Warnock Hersey Test) #J20050694 - Nascor ™
- 1 Hour – ESR-1153 (7 assemblies) 2 layers ½" Type X Gypsum Board and Batt Insulation – TJI®

PARALLEL CHORD TRUSS



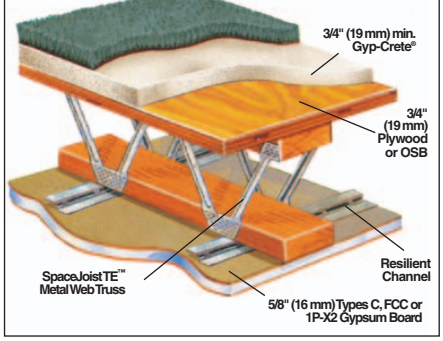
① FIRE TESTS, 1 Hour – U.L. Design Nos. L528, L529, L534;
w/batt insulation – L546, L555, L563, L579;
w/furring channels and 2 layers 1/2" Gypsum Board – L542; w/batt or loose fill insulation – L574
w/resilient channel & batt insulation – L558, L562

LIGHT GAUGE STEEL



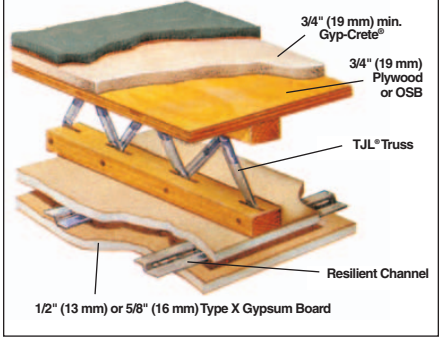
① FIRE TESTS, 1 Hour – U.L. Design No. L524;
furring channels and 2 layers 5/8" Gypsum Board – L573; Metal joist, Viroc subfloor, batt insulation, with resilient channel and 1 layer 5/8" Type C Gypsum Board – L564;
1 ½ Hour – w/resilient channel and 2 layers, 5/8" Gypsum Board – L527

SPACEJOIST TE™



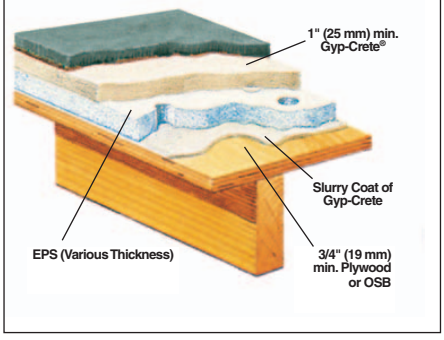
① FIRE TESTS, 1 Hour – No. TSC/FCA 60-01
Without resilient channel,
w/TrusGard® Protective Channel – No. FC378

TJL® TRUSS

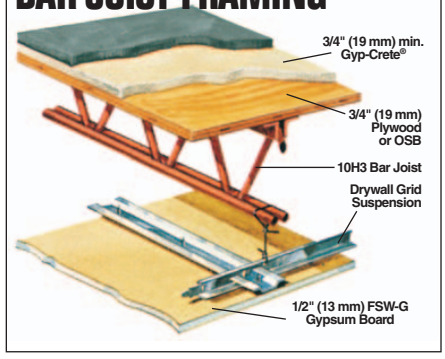


① FIRE TESTS, 1 Hour – U.L. Design No. L518 and PFC-4354

POLYSTYRENE SYSTEMS

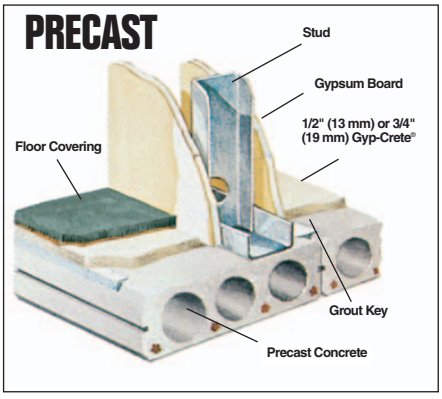


BAR JOIST FRAMING



① FIRE TESTS, 1 Hour – Warnock Hersey Test #WH1-694-029

PRECAST



① FIRE TESTS, 2, 3 and 4 Hour – U.L. Design Nos. J917, J919, J920, J924, J927, J931, J957, J966, J991, J994, K906

① For specific details, refer to tests in Underwriters Laboratories Fire Resistance Directory. For additional U.L. Design Numbers not pictured, contact Maxxon Corporation.

GYP-CRETE
FLOOR UNDERLAYMENT

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Drying Condtions: 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.