

Commercial TOPPING[®]

Ultimate Strength Floor Underlayment

NEW!

COMMERCIAL TOPPING "GREEN" FORMULATION
NOW ALSO AVAILABLE



- The perfect concrete resurfer
- Fast drying
- Extremely resistant to surface abrasion
- Ideal for installing all floor goods



Fast drying Commercial Topping[®] pours from a featheredge to 3" (76 mm), in new construction or renovation projects. With compressive strengths from 4000 psi (27.6 MPa) to 4500 psi (31 MPa), it's the ideal underlayment to meet ASTM F 710, *Preparing Concrete to Receive Flooring*.

Commercial Topping pours over VAT, VCT, terazzo or ceramic, with no shotblasting required. For the ultimate strong, smooth finish over concrete, precast, steel deck, wood frame, and old cracked lightweight concrete, specify Commercial Topping.

Why Commercial Topping Improves any Commercial Project...

- Meets ASTM F10, *Preparing Concrete to Receive Resilient Flooring*
- Pours over VAT, VCT, terrazzo or ceramic, with no shotblasting
- Can be poured over concrete, precast, wood frame, and old cracked lightweight concrete

Preparation:

Building interior should be enclosed and maintained at a temperature above 50 °F (10 °C) until structure and subfloor temperatures are stabilized. The subfloor must be broom clean and contaminant free. Before pouring Commercial Topping, the subfloor is coated with a company-approved primer.

Installation Methods:

The minimum thickness of Commercial Topping varies with the type of floor system. Commercial Topping can be featheredged over concrete substrates. Over wood frame construction, the minimum thickness is 3/4" (19 mm). Over galvanized corrugated steel deck it is poured 1" (25 mm) over the top of the flutings, with an average pour thickness of 1 1/8" (40 mm). It can be poured before or after drywall.

Continuous ventilation and adequate heat should be provided to rapidly remove moisture from the area until the underlayment is dry. The general contractor must supply mechanical ventilation and heat if necessary! Under the above conditions, drying time is usually 5-7 days.

Commercial Topping 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.

Acoustical Performance:

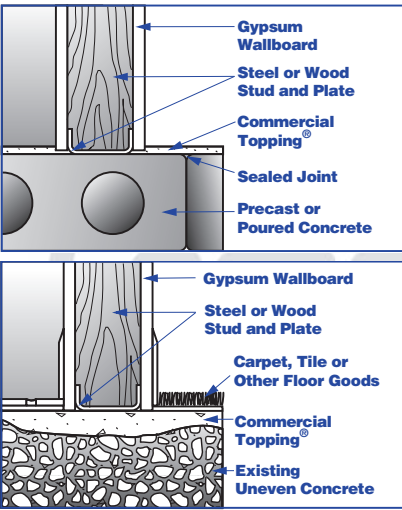
The acoustical performance of Commercial Topping is similar to Gyp-Crete® Floor Underlayment. Contact Maxxon Corporation for reports.

Limitations:

- (1) The typical maximum depth of Commercial Topping is 3" (76 mm). For depths greater than 3" (76 mm), contact an authorized applicator.
- (2) Commercial Topping may be scheduled before or after installation of drywall.
- (3) All materials above crawl spaces must be protected by a vapor barrier.
- (4) During construction, place temporary wood planking over the underlayment wherever it will be subjected to heavy wheeled or concentrated loads.
- (5) Commercial Topping is not designed to be installed on or below grade, except over well-drained structural substrates.
- (6) The structural floor should be adequate to withstand design loads with deflection limitations of L/360.
- (7) Commercial Topping should not be used for exterior application, or where it will come in prolonged contact with water.
- (8) Commercial Topping should not be directly applied to a plastic vapor barrier.
- (9) Concrete moisture or vapor emission must be eliminated by others prior to a Maxxon underlayment application for below grade, on grade or suspended slabs.

Code Listings:

GREENGUARD Children & SchoolsSM.



†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 C472-79. Before independent sampling, contact the Maxxon Quality Assurance Department to ensure that proper procedures are followed.

Warranty: Maxxon Corporation warrants Commercial Topping 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 Commercial Topping 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 Commercial Topping.

Because Maxxon Corporation does not perform the actual Commercial Topping 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 Commercial Topping Floor Underlayment.

Commercial TOPPING
Ultimate Strength Floor Underlayment

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Maxxon® Corporation

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FIRE RATINGS

UL Design

G524	L508	L543
G560	L509	L544
G563	L510	L545
G566	L511	L546
J917	L512	L547
J919	L513	L548
J920	L514	L549
J924	L515	L551
J927	L516	L552
J931	L517	L553
J957	L518	L555
J966	L519	L556
J991	L520	L557
J994	L522	L558
K906	L523	L559
L004	L524	L560
L005	L525	L562
L006	L526	L563
L201	L527	L564
L202	L528	L569
L206	L529	L573
L208	L530	L579
L209	L532	L581
L210	L533	L583
L211	L534	L585
L212	L535	L588
L501	L536	L589
L502	L537	L592
L503	L538	L593
L504	L539	L594
L505	L540	L599
L506	L541	M500
L507	L542	

ULC Design

L003	L512	M503	M517
L201	M500	M513	
L511	M501	M514	

Warnock-Hersey Design Number: WH1 694-029
Factory Mutual Design Number: FC378
PFS Design Number: FC452
*All tests were conducted with ASTM E 119 procedures.

TECHNICAL DATA

Compressive Strengths: Typical range of 4,000 to 4,500 psi (27.6 to 31.0 MPa)

Point Loading: Typical loading of up to 3,500 lbs. on a 1" (1587 kg on a 25.4 mm) diameter disc

Dry Density: 125 lbs./ft³ (2,000 kg/m³)

Weight: At 1/2", less than 5.3 lbs./sq. ft.

(At 12.7 mm, less than 25.9 kg/m²)

Flexural Strength: (ASTM C 348) 1660 psi (11.4 MPa) after 28 days

Tensile Strength: (ASTM C 190) 515 psi (3.5 MPa) after 28 days

Surface Burning Characteristics: Flame spread: 0, Fuel contributed: 0, Smoke density: 0

Sample USGBC LEED Credit Areas*

IMPACTED BY COMMERCIAL TOPPING "GREEN" UNDERLAYMENT			
CREDIT AREA	CREDIT	CATEGORY	HOW REQUIREMENT IS FULFILLED
Indoor Environmental Quality	LEED for Schools, EQ Credit 3.2, Option 2 (Air Quality Testing)	Construction Indoor Air Quality Management Plan	GREENGUARD Certified; (Field testing MUST be completed prior to claiming credit)
	LEED for Schools, EQ Credit 4, Option 3 (Flooring Systems)	Low Emitting Materials	GREENGUARD Children & Schools SM Certified
Materials & Resources	MR 4.1 - 4.2	Recycled Content	Fly Ash
	MR 5.1 - 5.2	Local/Regional Materials	Manufactured in Blue Rapids, KS 66411; Las Vegas, NV 89036; Camden, NJ 08103; Brunswick, GA 31520; Job site manufactured with local sand and water.

*Credits may vary depending on project type and Maxxon products used. Contact Maxxon Corporation for complete information.



The Maxxon Green Mark
Maxxon products with this symbol are LEED-compliant and help to contribute valuable points toward LEED-certified projects.