

The background of the advertisement is a close-up photograph of a grey, textured material being poured from a vertical pipe into a circular hole in a concrete floor. The material is Level Rock, a type of floor underlayment. The scene is dimly lit, with the primary light source coming from the top, creating a soft glow on the surface of the material being poured.

# LEVEL ROCK<sup>®</sup>

Floor Underlayment  
Selector

**STRONGER THAN CONCRETE<sup>™</sup> Flooring Solutions**

## Levelrock® Floor Underlayment

For more than 100 years, USG has been the leader in construction industry products. From the original SHEETROCK® brand gypsum panel to the innovative LEVELROCK® STRONGER THAN CONCRETE™ floor underlayments, USG is helping America build better.



**The LEVELROCK family of poured underlayment products is a full line of professional poured underlayments, primers and sealers and sound attenuation products designed to meet all application needs.**

### **STRONGER THAN CONCRETE Floor Underlayments**

What is stronger than concrete? LEVELROCK STRONGER THAN CONCRETE floor underlayments exceed conventional concrete's strength or meet the requirements of ASTM F710 for preparing concrete floors to receive resilient flooring. In fact, the entire LEVELROCK family of floor underlayment products offers a higher range of compressive strengths than any other poured underlayment product.

Delivering compressive strengths from 2,000 to 10,000 psi, the high-strength

formulations protect against wear from trade traffic during construction, ensuring long-lasting performance. Higher strengths also can permit pouring before drywall, enhancing construction trade scheduling and flexibility.

### **Lightweight**

LEVELROCK floor underlayment is one of the lightest-weight cementitious underlayments available. For every 1/4 in. of thickness, you'll add approximately 2.5 lbs./sq. ft., with an approximate dry density range of 113 – 130 lbs./cu. ft.



## Levelrock™ Primers, Sealers and Sound Attenuation Products

LEVELROCK professional-grade primers and sealers improve the bond between poured underlayment and virtually all substrates including wood, concrete, metal decks and existing floor coverings.

To improve sound control, choose from our complete line of LEVELROCK sound attenuation products which can help to meet or exceed IBC code requirements in recommended systems. For more information, contact your USG LEVELROCK/ALCORP Network representative at 817 329.1808.

### Versatile

LEVELROCK covers all application needs with a lineup of STRONGER THAN CONCRETE gypsum underlayments, self-sealing toppings, specially designed radiant heat and corrugated steel deck formulations, and eco-friendly green underlayments. LEVELROCK floor underlayments accept a wide variety of floor coverings, including carpet, ceramic tile, wood laminate, hardwood, vinyl and epoxy or stained coatings – some LEVELROCK floor underlayment may even be used as a wear surface.

### Safe

LEVELROCK floor underlayment products (including all sound-rated products) are Classified by Underwriters Laboratories (UL). Both 1- and 2-hour ratings are available for wood frame floor/ceiling assemblies, and 3-hour ratings are available for precast

concrete floor/ceiling assemblies. For the most up-to-date list of UL assemblies, visit [ul.com](http://ul.com).

### Economical

LEVELROCK floor underlayment installs quickly and economically. Depending on the floor layout, up to 30,000 sq. ft. can be poured in a single day, allowing light trade traffic to resume within 24 hours.

### Expert Application

You can expect the same high-quality results on every job. LEVELROCK floor underlayment is installed by highly trained USG LEVELROCK authorized applicators who are supported by USG quality control teams. The result is a complete design/build solution that ensures reliable performance, industry-leading quality and enhanced value.

### Superior Performance

USG researches, develops and manufactures LEVELROCK cementitious floor underlayment products, LEVELROCK underlayment pours are tested for compressive strength according to ASTM standards and LEVELROCK floor underlayment products are Classified by UL. LEVELROCK self-leveling floor underlayments are exceptional products that have been carefully created and tested to offer higher performance at a lower installed cost.

For exceptionally durable, acoustically superior floors that consistently deliver best-in-class performance, look to LEVELROCK.

# Products

	LEVELROCK® 2500 Floor Underlayment	LEVELROCK® 3500 Floor Underlayment
<b>Description</b>	Economical, fast-applying underlayment for multi-family and light-commercial construction. Can be poured before drywall is installed, <sup>(a)</sup> so it dries faster, helps prevent mold by minimizing wallboard exposure to high moisture levels and allows for greater scheduling flexibility.	Hard-surface upgrade in multi-family and light-commercial projects. Can be poured before drywall is installed and meets vinyl industry's commercial performance requirements.
<b>Green Formulation</b> Available in a formulation using FGD recaptured gypsum, which may help a project qualify for USGBC LEED® credits MR 4.1 and 4.2. See USG system brochure SA305 for more information. <b>Note:</b> All LEVELROCK products may assist in obtaining LEED credits 5.1 and 5.2.		
<b>Physical Properties</b>		
<b>Approximate Strength (psi)</b>	2000 – 3200 <sup>(c,d)</sup>	3500 – 4500 <sup>(c,d)</sup>
<b>Approximate Dry Density (lbs./cu. ft.)</b>	114 – 124	118 – 124
<b>Approximate Weight (lbs./sq. ft.)</b>	7.5 at 3/4" thickness <sup>(e)</sup>	7.5 at 3/4" thickness <sup>(e)</sup>
<b>Product Selector</b>	<b>LEVELROCK 2500</b>	<b>LEVELROCK 3500</b>

## Building Type

	LEVELROCK 2500	LEVELROCK 3500
<b>Single-Family</b>	●	
<b>Multi-Family</b>	●	● High traffic
<b>Light-Commercial</b>	● Light traffic	●
<b>Commercial/Retail/Office</b>		● Light to medium traffic
<b>Hotel/Motel</b>	● Light traffic	●
<b>Institutional</b>		● Light to medium traffic

## Subfloor Type

	LEVELROCK 2500	LEVELROCK 3500
<b>Plywood and OSB</b>	●	●
<b>Heavy Wood Plank</b>	●	●
<b>Corrugated Steel Deck</b>		
<b>Concrete</b>	●	●
<b>Concrete Plank</b>	●	●
<b>Concrete Repair/Leveling</b>		●
<b>Radiant Heat</b>		

### Notes

- (a) Consult your USG representative regarding specific performance requirements.
- (b) Typically permits the floor covering to be installed without the need to seal the underlayment. Consult your USG representative regarding specific performance requirements.
- (c) Compressive strengths published herein were achieved under controlled laboratory conditions. Actual field results may differ due to environmental conditions, regional sand variations, inconsistent proportioning of field applied water, sand and LEVELROCK floor underlayment, as well as differences in mixing/pumping equipment.
- (d) Tested according to modified ASTM C472.
- (e) Reflects typical application thickness.
- (f) Specific product installation requirements and limitations apply; see *LEVELROCK CSD EARLY EXPOSURE Floor Underlayment* submittal sheet (IG1648).
- (g) QUIK-TOP and PROFLOW floor underlayments can be used as a finished floor when covered with an approved coating system. Contact your local LEVELROCK sales representative for further details.
- (h) Requires special procedures. Contact your local LEVELROCK sales representative for further details.
- (i) When used as a topping over LEVELROCK CSD products.
- (j) Can be used as a decorative topping over LEVELROCK radiant heat products.



LEVELROCK STRONGER THAN CONCRETE floor underlayments are designed to meet specific requirements for a wide range of new, repair and renovation interior construction.

LEVELROCK® 4500 NXG® Floor Underlayment	LEVELROCK® RH Floor Underlayment	LEVELROCK® Commercial RH Floor Underlayment
Innovative, self-sealing technology <sup>(b)</sup> in an exceptionally high-strength formula for floor corrections over concrete in heavy-traffic commercial and institutional applications.	For use with radiant floor heating systems designed according to Radiant Panel Association (RPA) guidelines.	Fast-applying formulation for electrical and hot water radiant heat floor installations under commercial floor coverings.
4500 – 5500 <sup>(c,d)</sup>	2500 – 3500 <sup>(c,d)</sup>	3500 – 4500 <sup>(c,d)</sup>
123 – 130	117 – 123	118 – 124
5 at 1/2" thickness <sup>(e)</sup>	15.5 at 1-1/2" thickness <sup>(e)</sup>	15 at 1-1/2" thickness <sup>(e)</sup>
<b>LEVELROCK 4500 NXG</b>	<b>LEVELROCK RH</b>	<b>LEVELROCK Commercial RH</b>

	●	
	●	● High traffic
●	● Light traffic	●
●		● Light to medium traffic
●	● Light traffic	●
●		● Light to medium traffic

	●	●
	●	●
●	●	●
●	●	●
●		
	●	●

#### UL Designs

UL designs for LEVELROCK floor underlayments (refer to individual product literature for applicable designs): G230, G516, G535, G551, G553, G556, G559, G562, G564, G569, G571, J917, J919, J920, J924, J927, J931, J957, J958, J966, J991, J994, K906, L206, L501, L502, L505, L506, L508, L510, L511, L512, L513, L514, L515, L516, L518, L521, L523, L524, L525, L526, L527, L528,

L529, L530, L532, L534, L535, L536, L537, L538, L539, L540, L541, L542, L543, L545, L547, L549, L550, L551, L552, L555, L556, L557, L559, L560, L562, L563, L565, L568, L569, L570, L573, L574, L576, L577, L583, L585, L588, L592, L599, M502, M503, M504, M506, M508 and M510.

For the most up-to-date list of UL assemblies, visit [ul.com](http://ul.com).

#### Compliance

See individual product literature for applicable code approvals.

#### Model Building Code Approvals

- ICC Evaluation Service Legacy Report No. ER-5885; ESR pending.
- City of L.A. Research Report 25674

#### New York City Department of Buildings

**MEA (Materials and Equipment Acceptance)**  
MEA 236-01-M and MEA 133-05-M

#### U.S. Department of Housing

HUD-1314

# Products

	<b>LEVELROCK® CSD® EARLY EXPOSURE™ Floor Underlayment</b>	<b>LEVELROCK® ULTRAARMOR™ Floor Underlayment</b>
<b>Description</b>	Designed for use in buildings with light-gauge steel frame construction and direct application to corrugated steel decks. Can be poured before permanent windows and doors are installed. <sup>(f)</sup>	The industry's first "all-in-one" product that provides fire-rated designs, improved sound attenuation characteristics, and is robust enough to be used as a wear surface without the need for epoxy or urethane coatings.
<b>Note:</b> All LEVELROCK products may assist in obtaining LEED credits 5.1 and 5.2.		
<b>Physical Properties</b>		
<b>Approximate Strength (psi)</b>	3500 – 5000 <sup>(c,d)</sup>	3500 – 5000 <sup>(c,d)</sup>
<b>Approximate Dry Density (lbs./cu. ft.)</b>	119 – 127	118 – 124
<b>Approximate Weight (lbs./sq. ft.)</b>	13 at 1-9/16" thickness <sup>(e)</sup>	7.5 at 3/4" thickness <sup>(e)</sup>
<b>Product Selector</b>	<b>LEVELROCK CSD EARLY EXPOSURE</b>	<b>LEVELROCK ULTRAARMOR</b>

## Building Type

	<b>LEVELROCK CSD EARLY EXPOSURE</b>	<b>LEVELROCK ULTRAARMOR</b>
<b>Single-Family</b>		●
<b>Multi-Family</b>	●	●
<b>Light-Commercial</b>	●	●
<b>Commercial/Retail/Office</b>	●	●
<b>Hotel/Motel</b>	●	●
<b>Institutional</b>	●	●

## Subfloor Type

	<b>LEVELROCK CSD EARLY EXPOSURE</b>	<b>LEVELROCK ULTRAARMOR</b>
<b>Plywood and OSB</b>		●
<b>Heavy Wood Plank</b>		●
<b>Corrugated Steel Deck</b>	●	●
<b>Concrete</b>	●	●
<b>Concrete Plank</b>	●	●
<b>Concrete Repair/Leveling</b>		●
<b>Radiant Heat</b>		●

### Notes

- |   |   |   |
|---|---|---|
| <p>(a) Consult your USG representative regarding specific performance requirements.</p> <p>(b) Typically permits the floor covering to be installed without the need to seal the underlayment. Consult your USG representative regarding specific performance requirements.</p> <p>(c) Compressive strengths published herein were achieved under controlled laboratory conditions. Actual field results may differ due to environmental conditions, regional</p> | <p>sand variations, inconsistent proportioning of field applied water, sand and LEVELROCK floor underlayment, as well as differences in mixing/pumping equipment.</p> <p>(d) Tested according to modified ASTM C472.</p> <p>(e) Reflects typical application thickness.</p> <p>(f) Specific product installation requirements and limitations apply; see <i>LEVELROCK CSD EARLY EXPOSURE Floor Underlayment</i> submittal sheet (IG1648).</p> | <p>(g) QUIK-TOP and PROFLOW floor underlayments can be used as a finished floor when covered with an approved coating system. Contact your local LEVELROCK sales representative for further details.</p> <p>(h) Requires special procedures. Contact your local LEVELROCK sales representative for further details.</p> <p>(i) When used as a topping over LEVELROCK CSD products.</p> <p>(j) Can be used as a decorative topping over LEVELROCK radiant heat products.</p> |
|---|---|---|



For multi-family/wood frame, capping and topping, radiant heat and corrugated steel deck applications, LEVELROCK floor underlayments literally floor the competition.

LEVELROCK® PROFLOW™ Floor Underlayment	LEVELROCK® QUIK-TOP™ & Gray Floor Underlayment
The highest-strength cementitious underlayment in the industry. Does not require shot-blasting. Can be used as a finished floor. Gray PROFLOW floor underlayment can be clear-coated to simulate a concrete look. <sup>(g)</sup>	Innovative technology permits finished floor installation within 15 hours. Self-sealing formulation <sup>(b)</sup> eliminates the need to seal the underlayment. Can be stained for a decorative look. <sup>(g)</sup>
6000 – 8000 <sup>(c,d)</sup>	7000 – 10000 <sup>(c,d)</sup>
113 – 123	124 – 130
2.5 at 1/4" thickness <sup>(e)</sup>	2.5 at 1/4" thickness <sup>(e)</sup>
<b>LEVELROCK PROFLOW</b>	<b>LEVELROCK QUIK-TOP &amp; Gray</b>

●	
● (h)	● (h)
●	●
●	●
● (h)	● (h)
●	●

● (h)	● (h)
● (h)	● (h)
● (h,i)	● (h,i)
●	●
●	●
●	●
● (j)	● (j)

**UL Designs**

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L529, L530, L532, L534, L535, L536, L537, L538, L539, L540, L541, L542, L543, L545, L547, L549, L550, L551, L552, L555, L556, L557, L559, L560, L562, L563, L565, L568, L569, L570, L573, L574, L576, L577, L583, L585, L588, L592, L599, M502, M503, M504, M506, M508 and M510.

For the most up-to-date list of UL assemblies, visit [ul.com](http://ul.com).

**Compliance**

See individual product literature for applicable code approvals.

**Model Building Code Approvals**

- ICC Evaluation Service Legacy Report No. ER-5885; ESR pending.
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**New York City Department of Buildings  
MEA (Materials and Equipment Acceptance)**

MEA 236-01-M and MEA 133-05-M

**U.S. Department of Housing**

HUD-1314

**Technical Service**  
**800 USG.4YOU**

**Web Sites**  
**levelrock.com**  
**usgdesignstudio.com**

**Literature**  
**888 874.2450**

**Samples**  
**817 329.1808**

**Customer Service**  
**800 621.9523**

**Product Updates**

See levelrock.com for the most up-to-date product information.

**LEED Information**

For the most up-to-date information on LEED rating systems, project certification and the U.S. Green Building Council, please visit usgbc.org.

**Trademarks**

The following trademarks used herein are owned by United States Gypsum Company or a related company: CSD, EARLY EXPOSURE, LEVELROCK, NXG, PROFLOW, QUIK-TOP, SHEETROCK, STRONGER THAN CONCRETE, ULTRAARMOR, USG, USG in stylized letters. LEED is a registered trademark of U.S. Green Building Council.

**Notice**

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

**Safety First!**

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

