

Levelrock™ Floor Underlayment Primer



High-quality floor underlayment primer

- Enhances bond between substrate and underlayment
- Low odor
- Fast-drying
- Resists mold

Description

LEVELROCK™ floor underlayment primer products (ready-mixed, concentrate and powdered) are designed and manufactured by USG to improve adhesion to wood subfloors. LEVELROCK floor underlayment primer can also be used to improve adhesion to old floor coverings such as vinyl tile, ceramic tile, linoleum and varnished wood floors. The surfaces of these floors must be sound and non-friable. For old and new concrete floors, use LEVELROCK™ floor underlayment concrete primer.

The primers are sprayed, broomed on or paint-roller-applied to the substrate by USG-authorized applicators prior to installing LEVELROCK® floor underlayments in all types of commercial and residential flooring applications. These primers emit low odor, and are offered in ready-to-use form or in concentrate or powdered form after diluting with water. They are fast drying and resist mold. LEVELROCK floor underlayment primer (concentrate) must be mixed with equal parts of water before use.

Limitations

1. Do not use in exterior applications.
2. Do not apply at temperatures below 45 °F or above 120 °F.
3. Do not apply on excessively dusty or dirty subfloors.

Application

Read and follow all cautions and warnings on LEVELROCK floor underlayment primer product labels. Refer to each product's Material Safety Data Sheet for additional information. Floor to be primed must be sound, clean, free of alkali and dry. Remove dirt, wax, polish, paint and all foreign material that would interfere with a good bond.

LEVELROCK floor underlayment primer (ready-mixed)

Apply LEVELROCK floor underlayment primer (ready-mixed) with a coarse fiber broom or a Hudson® sprayer. If a Hudson (or other type) sprayer is used, it is recommended that the primer be further worked into the surface with a coarse broom. Apply material at a rate of 400 sq. ft./gal. and do not allow puddles to form or remain on surface. Minimum dry time for primer application is 1 hour. Dry times up to 3 hours will greatly enhance bond strength of underlayment to subfloor. A minimum building temperature of 45 °F must be maintained for all LEVELROCK floor underlayment primers during the drying period. Cooler temperatures and high humidity will prolong dry times. Always use the primer full strength. For concrete subfloors, use LEVELROCK floor underlayment concrete primer. Clean tools with water before material dries.

LEVELROCK floor underlayment primer (concentrate)

Before applying primer to the floor, mix with equal portions of water. For example, use 2 gals. concentrate to 2 gals. of water in a 5-gal. pail. Mix until uniform.

Apply diluted concentrate with a coarse fiber broom, a Hudson sprayer, or a paint roller at a rate of 400 sq. ft./gal. If a Hudson (or other type) sprayer is used, it is recommended that the primer be further worked into the surface with a coarse broom. Do not allow puddles to form or remain on surface. Minimum dry time for primer application is 1 hour. Dry times up to 3 hours will greatly enhance bond strength of underlayment to subfloor. Use from mixed container. Do not dilute beyond recommended ratio. Maintain 1:1 mixture dilution ratio (by volume). Clean tools with water before material dries.

For concrete subfloors or other highly porous surfaces, use LEVELROCK floor underlayment concrete primer.

LEVELROCK floor underlayment primer (powdered)

Available in 25-lb. bags. When mixed with 14 gals. of water, one bag yields 17 gals. of primer. Apply at a rate of 300 sq. ft./gal. for a total coverage area of 5,100 sq. ft. For drum quantities, mix three 25-lb. bags into 42 gals. of water in a 55-gal. drum for a total coverage area of 15,300 sq. ft. Cooler temperatures may make it difficult to achieve a proper blend. Whenever possible, use warm (not hot) water for mixing.

To mix, use a high-speed drill with a suitable attachment. For mixing in a 5-gal. pail, use a joint compound or texture paddle (available at hardware stores and home centers). For mixing in a 55-gal. drum, use a high-shear mixer, such as the fixed, 2 fan blade mixer or galvanized steel mixer from Wind-Lock. Add the prescribed amount of water to the mixing container. Do not over-water! With the mixer operating at low speed (400-600 rpm), slowly sift LEVELROCK floor underlayment primer (powdered) into the water. After all powder has been added, turn off mixer and scrape sides and bottom of drum for any unmixed primer. Resume mixing for about 1 minute at moderate speed, avoiding excess foam.

Apply primer with a Hudson sprayer, push-broom or paint roller at the recommended rate. Do not allow puddling. Allow primer to dry at least 1 hour before applying underlayment; 3 hours of drying time will greatly enhance the bond between the underlayment and subfloor. Mixed primer that is allowed to sit for more than 1 hour may experience settlement; remix prior to use. For concrete, use LEVELROCK floor underlayment concrete primer.

Cleanup

Clean tools with water before primer dries. Flush with large quantities of water. For dried primer, clean with mineral spirits.

Storage

Protect from freezing, and do not store above 120 °F. LEVELROCK floor primer (ready-mixed and concentrate) has limited freeze thaw protection. If accidentally frozen, allow to thaw at room temperature. Stir to a homogenous state before using. Do not use material that is coagulated or has excessive settlement that cannot be readily remixed. Discard questionable material. Do not over-stir or use a high-speed mixer, as excessive air entrainment may result.

LEVELROCK floor underlayment primer (powdered), in dry form, is not affected by freezing temperatures, but should be stored in a dry area. In mixed form, it may be stored for up to 2 weeks, but must be remixed prior to use, as some settlement will occur. Do not use material that has excessive settlement that cannot be readily remixed.

Submittal Approvals

Job Name	
Contractor	Date

Product Information

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

WARNING!

Mist, vapors and/or dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to mist, vapors and/or dust. Use in a well-ventilated area or provide sufficient local ventilation. If misty/high vapor levels/dusty, wear a NIOSH/MSHA-approved mist, vapor or dust respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for

15 minutes. If irritation persists, call physician. Wash with soap and water after use. Do not ingest. If ingested, call physician. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Close container and discard properly. Product safety information: 800 507.8899 or usg.com.

KEEP OUT OF REACH OF CHILDREN.

VOC Content: <50 g/l

Trademarks

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Notice

We shall not be liable for incidental or 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.

