

# Levelrock™ Floor Underlayment Concrete Primer



**High-quality floor underlayment primer concentrate**

- For priming and sealing concrete subfloors
- Enhances bond between substrate and underlayment
- Low odor
- Use as a sealer for LEVELROCK® floor underlayments

**Description**

Used with LEVELROCK floor underlayments, LEVELROCK™ floor underlayment concrete primer is a high-solids sealant that is used to coat concrete and precast concrete subfloors prior to installation of LEVELROCK floor underlayments. Concrete surfaces tend to be highly porous. Without first sealing a concrete substrate, the bond with and surface smoothness of the floor underlayment poured on top could be adversely affected. This product can be used to seal porous wood planks encountered in renovation projects. LEVELROCK floor underlayment concrete primer can also be used as a sealer for dry LEVELROCK floor underlayments prior to application of floor-covering adhesives.

**Limitations**

1. Do not use in exterior applications.
2. Do not use LEVELROCK floor underlayment concrete primer as a wearable surface.
3. Do not use in below-grade applications.
4. Do not use for on-grade applications without consulting USG.

**Application**

**Equipment**

- HUDSON® sprayer or equivalent
- Paint roller
- Push broom

**Mixing**

**Full dilution**

1. Add 1 part LEVELROCK floor underlayment concrete primer to 4 parts potable water by volume in a clean mixing container.
2. For proper mixing, add the LEVELROCK floor underlayment concrete primer to the water.
3. Stir gently to achieve a homogenous state. To prevent entraining air and subsequent bubbles, do not over-stir or use a high-speed mixer.

**Partial dilution**

1. Add 1 part LEVELROCK floor underlayment concrete primer to 1 part potable water by volume in a clean mixing container.
2. Stir gently to achieve a homogenous state. To prevent entraining air and subsequent bubbles, do not over-stir or use a high-speed mixer.

**Directions**

**For concrete subfloors**

1. New concrete must be cured at least 28 days.
2. Job site and LEVELROCK floor underlayment concrete primer must be maintained at a minimum 50 °F for 48 hours before, during and after job completion.
3. Subfloor must be free of dirt, wax, grease, oil polish, paint, dust or other contaminants before application of primer.
4. Apply fully diluted primer (see mixing instructions) at a rate of 300 sq. ft./gal. Allow to dry 1 hour. LEVELROCK floor underlayment concrete primer may initially be sprayed or rolled onto the subfloor, but using a push broom to further work sealer into the subfloor is strongly recommended, especially for the first coat.
5. Apply second coat, using partially diluted mixture (see mixing instructions) at a rate of 300 sq. ft./gal. Primer should show signs of puddling; if not, a third coat of partially diluted LEVELROCK floor underlayment concrete primer should be applied.
6. Allow sealer to dry at least 3 hours, but not more than 20 hours before pouring LEVELROCK floor underlayment.

**For sealing the surface of LEVELROCK floor underlayment prior to application of floor-covering adhesive:**

1. LEVELROCK floor underlayment concrete primer can be used to seal the surfaces of a dry LEVELROCK floor underlayment.



2. LEVELROCK floor underlayment concrete primer should only be applied to dry LEVELROCK floor underlayment. The preferred method for checking the floor for dryness is using a Protimeter® moisture meter. An alternate method is the plastic sheet method (ASTM D4263). The plastic sheet should be placed in the area of the underlayment having either the highest thickness and/or least amount of airflow.
3. LEVELROCK floor underlayment should be broom clean. Excessive dust will not allow the primer to bond properly. Scrape off all joint compound and other construction waste from the underlayment.
4. Apply LEVELROCK floor underlayment concrete primer at the full dilution (see mixing directions in *Mixing*) at a rate of 300 sq. ft./gal.

**Storage**

Although LEVELROCK floor underlayment concrete primer is freeze/thaw-resistant, storing it outside during freezing conditions is not recommended. If LEVELROCK floor underlayment concrete primer becomes frozen, allow to thaw at room temperature. Stir gently before using. Do not use a high-speed mixer. After gently stirring concrete primer that has been frozen, it should appear as a homogeneous, smooth mixture. If “cottage cheese”-type lumps are still evident, the material is beyond recovery. Dispose of it properly. During summer months, do not store LEVELROCK floor underlayment concrete primer above 120 °F.

**Precautions**

All cautions and warnings on the product label should be followed. Refer to Material Safety Data Sheet (MSDS) for additional information.

**Cleanup**

Clean tools with water before LEVELROCK floor underlayment concrete primer dries. For dried LEVELROCK floor underlayment concrete primer, use mineral spirits.

**Submittal Approvals**

<b>Job Name</b>		
<b>Contractor</b>		<b>Date</b>

**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.**

**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 instruction 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.

