Level-Right® Self-Leveling Floor Underlayment is a specially formulated, high-strength cementitious underlayment that can handle any floor leveling challenge — often without shotblasting or scarifying.

Level-Right is poured over precast or cast-in-place concrete, terrazzo, ceramic, quarry, marble tile, old vinyl tile, and tile adhesives — providing a level, smooth surface. Hand troweling and hand finishing are unnecessary. Level-Right accepts practically any floor covering.

With Level-Right there is no extensive curing time. Ceramic tile can be thin set within 2 to 4 hours. Other floor goods can be installed once Level-Right passes a moisture test.

**FEATURES/BENEFITS**
- Pre-blended mix of high strength cements and special additives
- Water resistant
- Pours over concrete as well as old floor goods, adhesives and wood substrates
- Ideal for large projects or small repair jobs
- No special prepping, removal of old floor goods, or hand finishing required
- Sets fast, can be walked on within two to four hours
- Compressive strengths up to 5,500 psi (37.9 MPa)
- Can be featheredged
- Tested at the manufacturing plant and the job site to meet our stringent quality assurance requirements
- Contains recycled materials
- GREENGUARD and GREENGUARD Gold Certified

An Ecofriendly Building Product
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Density</td>
<td>approx. 125 lbs/ft³ (2,002 kg/m³)</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>Typical: 3,000 psi (20.7 MPa) 3 days Modified ASTM C109 4,500 psi (31.0 MPa) 7 days 5,500 psi (37.9 MPa) 28 days</td>
</tr>
<tr>
<td>VOC Emissions</td>
<td>GREENGUARD Gold Certified</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>1,260 psi (8.7 MPa) 28 days ASTM C348</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>720 psi (5.0 MPa) 28 days ASTM C190</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84</td>
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<tr>
<td>Fuel Contribution</td>
<td>0</td>
</tr>
<tr>
<td>Smoke Density</td>
<td>0</td>
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<tr>
<td>Flame Spread</td>
<td>0</td>
</tr>
<tr>
<td>Code Listings</td>
<td>ICCES Evaluation Report ESR-2540 UL ER S477-01</td>
</tr>
<tr>
<td>LEED Certification</td>
<td>May help contribute toward earning points, see <a href="http://www.MaxxonCorporation.com">www.MaxxonCorporation.com</a></td>
</tr>
</tbody>
</table>

**PREPARATION**

Concrete subfloors must be fully cured, moisture free and have no efflorescence. The substrate surface shall be clean, dust and contaminant free. Cracks should be filled with a crack filler or an elastomeric compound. Plumbing or electrical penetrations should be packed with insulation and sealed. No air movement, windows must be closed and no direct sunlight during the pour.

**TESTING**

For Level-Right, field testing must be performed in accordance with modified ASTM C109 using 2" x 2" (50 mm x 50 mm) cube molds. Before independent sampling, contact the Maxxon Quality Control Department to ensure that proper procedures are followed.

**LIMITATIONS**

1. Do not pour Level-Right where the floor temperature is less than 50 °F (10 °C) or greater than 100 °F (37.7 °C).
2. Protect the poured mortar from wind and sun, and from freezing temperatures for the first 72 hours.
3. Level-Right cannot resist stresses caused by structural movement.
4. The structural subfloor and floor joint must comply with manufacturers’ maximum span criteria. Typically a deflection limitation of L/360 is adequate for Maxxon Underlayments. Some floor coverings such as marble, stone, travertine, and ceramic tile may require a stiffer floor system. Maxxon Underlayments are non-structural and therefore cannot be expected to reinforce structurally deficient subfloors.
5. Additional consideration should be taken for concentrated/ dynamic live loads. U.S. building codes typically specify a uniform load of 40 pounds per square foot for residential floor designs. This load is intended to account for large loads that can occur in a building. In reality these loads are not uniform, but rather consist of items such as furniture and appliances that actually induce concentrated loads for exceeding 40 lbs per sq ft. Rolling concentrated loads such as office chairs, wheel chairs, and motorized scooters add turning, twisting, repetition, and other dynamics which also should be taken into consideration. Determining the appropriate structural design of the floor is not the responsibility of Maxxon nor the Maxxon applicator.
6. During construction, place temporary wood planking over the underlayment wherever it will be subjected to heavy wheeled or concentrated loads.
7. Level-Right is a non-structural underlayment, for interior use only. Level-Right is not intended for use as a wear surface.
8. Level-Right will not structurally bridge over expansion joints, saw cuts or structural cracks. They should be allowed to continue through the Level-Right. The architect or structural engineer must specify expansion joints and show their location in areas that will receive hard surface floor goods, such as ceramic or marbelic and hardwood flooring.
9. For deeper fills, call Maxxon Corporation for application procedures.
10. For applications other than those over structural concrete call Maxxon Corporation for application procedures.
11. Maxxon Underlayments are “breathable” and not a vapor barrier. The general contractor/project superintendent, architect, specifier, or building owner should test slabs-on-ground or elevated slabs for MVER (ASTM F1869-16) or RH (ASTM F2170). If the MVER or RH of the concrete substrate exceeds or elevated slabs for MVER (ASTM F1869-16) or RH (ASTM F2170). If the MVER or RH of the concrete substrate exceeds

**PRODUCT SUPPORT**

Additional product literature, CSI formatted specifications and information are available upon request. For special applications, contact Maxxon Corporation.

**DRYING CONDITIONS**

The general contractor/project superintendent must provide and maintain correct environmental conditions to keep the building clean and dry, and protect against infiltration 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. Outdoors 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/project superintendent. The general contractor/project superintendent must supply mechanical ventilation and heat if necessary. These controls fall under the scope of work of the general contractor/project superintendent — not Maxxon Corporation or the Maxxon Underlayment installer.

See Maxxon Building Conditions Guide for additional information.

**WARRANTY**

See our website for complete warranty info.

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**LEVEL-RIGHT**

Self-Leveling Floor Underlayment

For more info: 800-356-7887 • Email: info@maxxon.com

www.MaxxonCorporation.com