DESCRIPTION

Ultrabond Landscape Turf RG is a residential-grade adhesive designed for indoor and outdoor landscaping synthetic turf installations in various weather conditions. Ultrabond Landscape Turf RG has high tack, is easy to install and provides excellent resistance to heat, moisture and low temperatures when fully cured.

FEATURES AND BENEFITS

• Colored green to aid in hiding smudges and in cleanup
• Nonflammable and solvent-free, making it suitable for use indoors
• Fast-curing with a strong and secure bond

WHERE TO USE

• Interior and exterior residential applications

LIMITATIONS

• Do not install over any substrates containing asbestos.
• Do not use to install solid vinyl flooring or vinyl-backed turf/carpet.
• Do not apply over any adhesive residues including cutback adhesive.
• Do not install over asphalt roofing.
• Do not install when relative humidity (RH) of concrete slabs exceeds 85%, per ASTM F2170.
• Do not install when moisture vapor emission rate (MVER) of the concrete slabs exceeds 8 lbs. (3.63 kg), per ASTM F1869.
• Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C), and when the ambient relative humidity is below 65%. The substrate temperature should be 10 degrees Fahrenheit (6 degrees Celsius) above dew point.

SUITABLE SUBSTRATES

• Exterior-grade plywood, Group 1, CC type
• Pressure-treated lumber
• Concrete
• Cement-based, self-leveling underlayments and patching compounds
• Exterior-approved patching compounds and concrete repair products
• Fully cured asphaltic surfaces that are sound and free from contamination

SURFACE PREPARATION

• All substrates must be structurally sound, dry, solid and stable.
• Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.
• Concrete as well as cement-based underlayments and patches must be fully cured and free of any hydrostatic and/or moisture problems.
• Concrete slabs exceeding 8 lbs. (3.63 kg) in MVER and above 85% RH should be treated with a moisture vapor reduction product. Refer to www.mapei.com for information on such products.

Consult MAPEI’s Technical Services Department for installation recommendations regarding substrates and conditions not listed.
See the “Surface preparation requirements” reference guide in the Related Documents section of the Floor Covering Installation Systems page on MAPEI’s Website.

**MIXING**

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for complete details.

- Ready to use; no mixing is necessary.

**PRODUCT APPLICATION**

Read all installation instructions thoroughly before installation.

1. Unroll and acclimate synthetic turf per the manufacturer’s written instructions, to allow for reductions of internal tensions caused by packaging and transport.

2. Select the appropriate notched trowel (see the “Approximate Coverage” chart below).

3. Spread adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.

4. For porous substrates, install the flooring material into the adhesive while it is still wet. For porous-backed material over nonporous substrates, allow 20 minutes of drying time for the adhesive to build additional tack before placing turf.

5. Install turf in strict accordance with the turf manufacturer’s written instructions.

6. Adhesive transfer to the backing should be confirmed periodically by lifting the turf.

7. Roll the turf with the recommended-weight roller across the width and length of the entire turf surface.

Note: Ultrabond Landscape Turf RG is intended for fullspread applications only and is not suitable for use with seaming tape.

**CLEANUP**

- While the adhesive is still fresh/wet, promptly clean any adhesive smudges from the turf or tools with water.

- Once the adhesive has dried, clean with mineral spirits. Use caution with mineral spirits, which may be harmful to some materials.

**PROTECTION**

- Do not walk on the flooring until 24 hours after the installation.

- Protect from rain for 72 hours after the installation.
Product Performance Properties

<table>
<thead>
<tr>
<th>Laboratory Tests</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>65% to 75%</td>
</tr>
<tr>
<td>VOCs (Rule #1168 of California's SCAQMD)</td>
<td>&lt; 25 g per L</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 212°F (100°C)</td>
</tr>
</tbody>
</table>

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Shelf Life and Product Characteristics

<table>
<thead>
<tr>
<th>Shelf life</th>
<th>1 year when stored in original packaging at 73°F (23°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer type</td>
<td>SBR</td>
</tr>
<tr>
<td>Trowelability</td>
<td>Light and easy</td>
</tr>
<tr>
<td>Consistency</td>
<td>Buttery</td>
</tr>
<tr>
<td>Color</td>
<td>Light green</td>
</tr>
</tbody>
</table>

Application Properties at 73°F (23°C) and 50% RH

- **Open time***: 20 to 30 minutes
- **Drying time**: 24 hours at 73°F (23°C) over porous substrate
- **Application temperature range**: 50°F to 90°F (10°C to 32°C)
- **Protect from traffic**: 24 hours for foot traffic; 72 hours from rain

*Open time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

Approximate Coverage**

<table>
<thead>
<tr>
<th>Flooring Type</th>
<th>Typical Trowel</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic turf with smooth backing or attached cushion backing</td>
<td>Sawtooth, 1/8&quot; x 1/8&quot; x 1/8&quot; (3 x 3 x 3 mm)</td>
<td>80 to 90 sq. ft. per U.S. gal. (1.96 to 2.20 m² per L)</td>
</tr>
<tr>
<td>Synthetic turf with medium-textured backing</td>
<td>Sawtooth, 3/16&quot; x 3/16&quot; x 3/16&quot; (4.5 x 4.5 x 4.5 mm)</td>
<td>40 to 50 sq. ft. per U.S. gal. (0.98 to 1.22 m² per L)</td>
</tr>
<tr>
<td>Synthetic turf with heavily textured backing</td>
<td>Sawtooth, 1/4&quot; x 1/4&quot; x 1/4&quot; (6 x 6 x 6 mm)</td>
<td>30 to 40 sq. ft. per U.S. gal. (0.73 to 0.98 m² per L)</td>
</tr>
</tbody>
</table>

**Trowel dimensions are depth/width/pace. Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of trowel used and setting practices.

Packaging

<table>
<thead>
<tr>
<th>Size</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 U.S. gal</td>
<td>(3.79 L)</td>
</tr>
<tr>
<td>4 U.S. gals</td>
<td>(15.1 L)</td>
</tr>
</tbody>
</table>
We proudly support the following industry organizations:

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Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

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1-800-361-9309 (Canada)

Customer Service
1-800-42-MAPEI (1-800-426-2734)

Services in Mexico
01-800-MX-MAPEI (01-800-696-2734)

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For the most current product data and BEST-BACKED™ warranty information, visit www.mapei.com.

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