**EnviroCel™ Cushion Plus (EC)**

**DESCRIPTION:** This polyurethane carpet backing manufactured with EnviroCel™ is a reaction bonded non-plasticized, microcellular cushion applied to a microcellular elastomeric pre-coat and has a green non-woven PET secondary backing.

**FEATURES:** EnviroCel™ Cushion polymer incorporates soybean oil, a 100% renewable resource as a replacement in a portion of the chemistry used in making polyurethane carpet backings. EnviroCel™ Cushion polymer made with soybean oil supports the agricultural community, while utilizing a commodity that offers a stable supply year after year. EnviroCel™ polymer becomes an integral component of the high-performance backing system that is applied to carpets provided by carpet manufacturers. The end product is a high-quality carpet backing that utilizes a polymer derived from a stable supply of soybeans, reducing our dependence on petroleum-based products.

**TYPICAL END USES:** Moderate Commercial Applications, Retail and Hospitality, Hotel lobbies, Restaurants, Condominiums, Corporate task areas, Cafeterias, Retail, Classrooms, Theaters.

<table>
<thead>
<tr>
<th>EnviroCel™ Cushion Plus Specs</th>
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<tbody>
<tr>
<td>Approximate weight per square yard</td>
<td>40-45 oz.</td>
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<tr>
<td>Approximate thickness min. (inches) ASTM-D 3676-78</td>
<td>.115&quot;</td>
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<tr>
<td>Secondary backing non-woven green fleece</td>
<td>3.5 oz.</td>
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<tr>
<td>Backing Density (lbs./ft³) ASTM-D 3676-78 Volume Method</td>
<td>18 lbs. per cubic feet</td>
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<td>Compression Set Max (1) @50% (height loss)</td>
<td>10 lbs.</td>
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<tr>
<td>Compression Resistance Min. @ 25% (PSI) Dow Method</td>
<td>7 lbs.</td>
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<tr>
<td>Foam/Pre-coat Delamination Resistance (PLI) Min. ASTM-D 3676-78</td>
<td>2.5 lbs.</td>
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<tr>
<td>Edge Ravel (lbs.) min.</td>
<td>1.5 lbs.</td>
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<tr>
<td>Foot Traffics per day</td>
<td>Moderate</td>
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**NOTE:** The weight listed is provided for selection purposes only and may vary 3 to 5 ounces per sq. yd. on actual production products.

**ADHESIVES:** Atlas | Masland Premium carpet adhesive. Atlas | Masland Seam sealer must be properly applied to maintain a moisture barrier.

**SPECIAL INSTRUCTIONS:** Available from Atlas | Masland Technical Services at 800-633-0468.