



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.

EnviroCel™ Cushion Plus Specs	
Approximate weight per square yard	40-45 oz.
Approximate thickness min. (inches) ASTM-D 3676-78	.115"
Secondary backing non-woven green fleece	3.5 oz.
Backing Density (lbs./ft3) ASTM-D 3676-78 Volume Method	18 lbs. per cubic feet
Compression Set Max (1) @50% (height loss)	10 lbs.
Compression Resistance Min. @ 25% (PSI) Dow Method	7 lbs.
Foam/Pre-coat Delamination Resistance (PLI) Min. ASTM-D 3676-78	2.5 lbs.
Edge Ravel (lbs.) min.	1.5 lbs.
Foot Traffics per day	Moderate

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: AtlasMasland Premium carpet adhesive. AtlasMasland Seam sealer must be properly applied to maintain a moisture barrier.

SPECIAL INSTRUCTIONS: Available from AtlasMasland Technical Services at 800-633-0468.