



Hardwear Plus (EB)

DESCRIPTION: Hardwear Plus is a moisture resistant high performance reaction bonded environmentally friendly polyurethane backing that includes a combination of renewable and post-consumer recovered materials.

FEATURES: BioCel™ polymer incorporates soybean oil, a 100% renewable resource as a replacement in a portion of the chemistry used in making polyurethane carpet backings. BioCel™ polymer made with soybean oil supports the agricultural community, while utilizing a commodity that offers a stable supply year after year. BioCel™ 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: With the increased wet & dry physical properties that Hardwear Plus offers it is recommended for Heavy Commercial Applications such as: Cafeterias, Convention Centers, Hospitality Lobbies, Healthcare, Locker Rooms, Exhibition Areas, Retail, Educational Classrooms, and other demanding environments.

Hardwear Cushion Plus Specs	
Approximate weight per square yard depending on straight or shifted stitch.	54 - 60 oz.
Approximate thickness min. (inches) ASTM-D 3676-78	.120"
Secondary backing non-woven gray fleece	3.5 oz.
Backing Density (lbs./ft ³) 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. Dow Method	1.5 lbs.
Foot Traffics per day	Heavy (1,000 plus)

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.**