



BioFlex™ leads the way to sustainability with the first high-performance, environmentally friendly polyurethane carpet backing developed exclusively for hospitality and high-end residential applications.

**Designed for use in hotel rooms, condominiums, corridors and other mid-traffic environments, BioFlex™ replaces over 90% of the petroleum-based polymers normally found in polyurethane with bio-based polymers derived from domestically-grown soybeans.**

- Contains Celceram™, a highly-refined material recovered from the process of coal combustion in an electric utility power plant that has the added benefit of increasing carpets' dimensional stability.
- Incorporates post-consumer recycled PET plastic from soft drink and water bottles.
- BioFlex produced low VOC levels.
- Low VOC adhesives are recommended for installation.
- Every yard of BioFlex installed means increased soybean production, which helps improve air-quality by consuming CO<sup>2</sup> from the atmosphere.
- Low VOC levels associated with BioFlex backings and BioFlex's rapidly renewable and post-consumer recycled content contribute toward the total project credit for LEED certification.



# designed for hospitality

## **BioFlex is a carpet backing designed to meet the specific needs of hospitality environments.**

- Lighter and more flexible, BioFlex backings are easy to install and less expensive to manufacture and ship.
- BioFlex is highly resistant to wear and water damage. It extends carpet life and aids in appearance retention keeping carpet looking newer longer.
- Improved carpet life cycle reduces replacement down time and service disruption, and assists in amortization of product costs.
- BioFlex is strong, flexible and easy to install. Stability in tuft bind means carpet will not fray when cut. Flexibility allows for stretch-in and pattern match installations.
- With BioFlex, carpet tuft bind and stitch lock are not negatively impacted by water – reducing snags, fuzzing and edge-ravel.
- BioFlex withstands repeated wet-cleanings and will not degrade through exposure to moisture.
- BioFlex insulates against energy loss and reduces ambient noise.
- BioFlex supports a weight without bottoming out – regaining more thickness when heavy furniture is moved.
- Floor covering products incorporating BioFlex contribute to the total building materials requirement for rapidly renewable materials under the Materials and Resources Section of Versions 2.0 and 2.2 of the LEED guidelines.
- Carpet backed with BioFlex is listed as an environmentally preferred product and can be submitted under GSA SIN31-601.



bioflex



405 VIRGIL DRIVE • DALTON, GA 30721

DURKAN IS A DIVISION OF THE MOHAWK GROUP

©2008  The Mohawk Group

BIOFL SLT0002650