

**Carpet Backings****09.60.00****2009**

<b>PRODUCT INFORMATION</b>	<b>TYPE OF PRODUCT</b>	Carpet backing
	<b>COMPANY NAME</b>	Mohawk Group
	<b>PRODUCT/COLLECTION NAME</b>	Ultra Performance System Bloc: Best Value in a High Performance Liquid Barrier Duraloc AC: Superior Comfort & Performance Duraloc MG: Highest Density Cushion with Superior Roller Mobility LifeLoc Laminate: High Recycled Content Liquid Barrier LifeLoc Cushion: Highest LEED Value LifeLoc WL: Woven Liquid Barrier Eco Flex: Highest Performance Cushion Tile UltraSet Modular System: Superior Performance Hard Back Tile EuroFlex: Most Cost Effective Cushion Under Foot Weldlok / Weldlok Plus : High Tuft Bind Weldlok Plus: High Tuft Bind for Complex Construction
	<b>DESCRIPTION</b>	Carpet backings for the following carpets: Karastan Contract Durkan Contract Mohawk Contract Bigelow Contract
<b>MATERIAL FEEDSTOCK</b>	<b>MATERIAL CONTENT</b>	Duraloc AC: polyurethane cushion w/ fine mesh linoweve scrim Duraloc MG: 24 pound density polyurethane cushion LifeLoc Laminate: 100 % urethane laminate backing LifeLoc Cushion: 100% urethane laminate backing LifeLoc WL: Eco Flex: UltraSet Modular System: EuroFlex: Not Stated Weldlok / Weldlok Plus: not stated  Some backings contain: BIOBALANCE BIOBALANCE is a polyurethane polymer system made of soybean oil, which helps reduce the amount of petroleum-based products It also contains a small percentage of post-industrial content. The outer fabric surface is 100% post consumer material.
	<b>RECYCLED CONTENT %</b>	DurlaLoc AC: RECYCABLE; high levels of post industrial content and renewable source content DurlaLoc MG: RECYCABLE; high levels of post industrial content and renewable source content LifeLoc Laminate: 50% recovered materials w/ BIOBALANCE 100% recycled non woven scrim LifeLoc Cushion: more than 50% recycled content LifeLoc WL: at least 50% recovered materials in addition to BIOBALANCE Eco Flex: 10% post consumer and 2 % bio-based content
	<b>RAPIDLY RENEWABLE CONTENT %</b>	Some backings contain: BIOBALANCE BIOBALANCE is a polyurethane polymer system made of soybean oil, which helps reduce the amount of petroleum-based products It also contains a small percentage of post-industrial content. The outer fabric surface is 100% post consumer material.
	<b>HARMFUL ADDITIVES</b>	Duraloc AC: PVC free, Chlorine free, no 4PCH Duraloc MG: PVC free, Chlorine free, no 4PCH LifeLoc Laminate: PVC free, Chlorine free, no 4PCH LifeLoc Cushion: PVC free, Chlorine free, no 4PCH LifeLoc WL: Eco Flex: no plasticizers, no PVC UltraSet Modular System: EuroFlex: No 4PCH, PVC free, Chlorine free Weldlok / Weldlok Plus: 4PCH, No SBR latex, PVC and Chlorine free,
	<b>HARMFUL EMISSIONS</b>	Duraloc AC: None Stated Duraloc MG: None Stated LifeLoc Laminate: None Stated LifeLoc Cushion: None Stated

	<p>LifeLoc WL: None Stated  Eco Flex: None Stated  UltraSet Modular System: None Stated  EuroFlex: None Stated  Weldlok / Weldlok Plus: None Stated  Weldlok Plus: None Stated</p> <p>Does the product emit greenhouse gasses?</p>
<b>EMISSION STRENGTH OVER TIME</b>	<p>Duraloc AC: Not Specified  Duraloc MG: Not Specified  LifeLoc Laminate: Not Specified  LifeLoc Cushion: Not Specified  LifeLoc WL: Not Specified  Eco Flex: Not Specified  UltraSet Modular System: Not Specified  EuroFlex: Not Specified  Weldlok / Weldlok Plus: Not Specified  Weldlok Plus: Not Specified</p> <p>Does the product offgas throughout its entire lifecycle?</p>
<b>TREATMENTS</b>	<p>Duraloc AC: None Specified  Duraloc MG: None Specified  LifeLoc Laminate: None Specified  LifeLoc Cushion: None Specified  LifeLoc WL: None Specified  Eco Flex: None Specified  UltraSet Modular System: None Specified  EuroFlex: None Specified  Weldlok / Weldlok Plus: None Specified  Weldlok Plus: None Specified</p> <p>What is the dye process used or how is color added?  What is the VOC content of coatings and sealants used?</p>
<b>MANUFACTURING</b>	<p><b>MANUFACTURING PROCESS</b></p> <p>Duraloc AC: Not Stated  Duraloc MG: Not Stated  LifeLoc Laminate: Not Stated  LifeLoc Cushion: Not Stated  LifeLoc WL: Not Stated  Eco Flex: Not Stated  UltraSet Modular System: Not Stated  EuroFlex: Not Stated  Weldlok / Weldlok Plus: Not Stated  Weldlok Plus: Not Stated</p> <p>Are ozone-depleting chemicals used during the manufacturing process?  Is the material manufactured using comprehensive raw material recycling?  Does the manufacturing plant use sustainable practices to conserve water &amp; energy?  Does the manufacturing plant run off wind power [are greenhouse gasses released as a result]?  Does the manufacturing plant work to reduce consumption and waste?  How much energy is embodied in the product? [how much energy was used to create it?]</p> <p><b>HARMFUL EMISSIONS</b></p> <p>Duraloc AC: None Stated  Duraloc MG: None Stated  LifeLoc Laminate: None Stated  LifeLoc Cushion: None Stated  LifeLoc WL: None Stated  Eco Flex: None Stated  UltraSet Modular System: None Stated  EuroFlex: None Stated  Weldlok / Weldlok Plus: None Stated  Weldlok Plus: None Stated</p> <p>Does the material offgas ozone depleting gasses [CFCs HCFCs]?  What is the VOC content?  Does the material contain PVC that can result in the release of PBT toxins during manufacture process and lifecycle?</p> <p><b>LOCATION OF MANUF. PLANT</b></p> <p>Duraloc AC:</p>

	<p>Duraloc MG:  LifeLoc Laminate:  LifeLoc Cushion:  LifeLoc WL:  Eco Flex:  UltraSet Modular System:  EuroFlex:  Weldlok / Weldlok Plus:  Weldlok Plus:</p> <p>Is the material manufactured locally? Within a 500 mile radius? [LEED]  Are the raw materials extracted locally? Within a 500 mile radius?  Are toxins released during the extracting process?</p>
<b>TESTS/CODES</b>	<p>Duraloc AC: Passes 10,000 Impact Barrier Test  Passes British Spill Test, passes ADA requirements  Duraloc MG: Passes 10,000 Impact Barrier Test  Passes British Spill Test, passes ADA requirements  LifeLoc Laminate: passes British spill test  LifeLoc Cushion:  LifeLoc WL:  Eco Flex: meets the requirement of British Spill and 10,000 Impact Penetration Test  UltraSet Modular System:  EuroFlex: None Stated  Weldlok / Weldlok Plus:</p> <p>Has the material met the testing requirements for certifications?</p>
<b>3<sup>RD</sup> PARTY CERTIFICATION</b>	<p>Duraloc AC: CRI Green Label Certified  Duraloc MG: CRI Green Label Certified  LifeLoc Laminate: CRI Green Label Certified  LifeLoc Cushion:  LifeLoc WL:  Eco Flex: CRI Green Label Plus Certified  UltraSet Modular System:  EuroFlex: CRI Green label Certified  Weldlok / Weldlok Plus:  Weldlok Plus:</p> <p>Carpet and Rug Industry: Green Label certification, Green Seal, EcoLogo, GreenStar, GreenGuard,</p>
<b><u>INSTALLATION</u></b>	<p><b>INSTALLATION PROCEDURE</b></p> <p>Duraloc AC: doesn't inhibit pattern match, temperature stable  Duraloc MG: doesn't inhibit pattern match, temperature stable  LifeLoc Laminate: doesn't inhibit pattern match, temperature stable  LifeLoc Cushion: doesn't inhibit pattern match, temperature stable  LifeLoc WL: doesn't inhibit pattern match, temperature stable  Eco Flex: doesn't inhibit pattern match, temperature stable  UltraSet Modular System: doesn't inhibit pattern match, temperature stable  EuroFlex: doesn't inhibit pattern match, temperature stable  Weldlok / Weldlok Plus: doesn't inhibit pattern match, temperature stable  Weldlok Plus: doesn't inhibit pattern match, temperature stable</p> <p>Describe recommended installation procedures. Are any special techniques or tools or particular temperature, moisture or other ambient or substrate conditions required?  What effect does the choice of installation techniques have on its ability to be recycled?</p> <p><b>INSTALLATION ADHESIVES</b></p> <p>Duraloc AC: Non-toxic seam sealer  Duraloc MG: non-toxic seam sealer  LifeLoc Laminate: non-toxic seam sealer  LifeLoc Cushion: non-toxic seam sealer  LifeLoc WL: non-toxic seam sealer  Eco Flex: non-toxic seam sealer  UltraSet Modular System: non-toxic seam sealer  EuroFlex: non-toxic seam sealer  Weldlok / Weldlok Plus: non-toxic seam sealer  Weldlok Plus: non-toxic seam sealer</p> <p>What is the VOC content of adhesives?</p>
<b>UNIT COST</b>	Varies per product and carpet selection
<b>LIFE CYCLE ANALYSIS EXTRACTION</b>	Duraloc AC: Various lifetime warranties, Extends carpet life of tufted carpet a min. of 40 percent

		<p>Duraloc MG: various lifetime warranties, extends carpet life of tufted carpet a min. of percent  LifeLoc Laminate: various lifetime warranties  LifeLoc Cushion:  LifeLoc WL:  Eco Flex: various lifetime warranties  UltraSet Modular System:  EuroFlex: extended the life of tufted carpet by 40%  Weldlok / Weldlok Plus:  Weldlok Plus:</p> <p>What are the financial costs for the material?  Is the product energy efficient?</p>
	<b>END OF SERVICE LIFE</b>	<p>Duraloc AC: Not specified  Duraloc MG: does not deteriorate with age  LifeLoc Laminate: does not deteriorate with age  LifeLoc Cushion:  LifeLoc WL:  Eco Flex: recycled through Mohawk's recover program  UltraSet Modular System:  EuroFlex: recycable  Weldlok / Weldlok Plus:  Weldlok Plus:</p> <p>What percentage of the material is recyclable?  How is it disposed of?</p>
<b>MISC. PROPERTIES</b>	<b>QUALITIES/PROPERTIES OF PRODUCT</b>	<p><b>Ultra Performance System Bloc: Best Value in a High Performance Liquid Barrier</b></p> <ul style="list-style-type: none"> <li>resist spilled substances</li> </ul> <p><b>Duraloc AC: Superior Comfort &amp; Performance</b></p> <ul style="list-style-type: none"> <li>meets British Spill and Impact Test</li> </ul> <p><b>Duraloc MG: Highest Density Cushion with Superior Roller Mobility</b></p> <ul style="list-style-type: none"> <li>made for heavy rolling traffic</li> </ul> <p><b>LifeLoc Laminate: High Recycled Content Liquid Barrier</b></p> <ul style="list-style-type: none"> <li>high performance against raveling and zippering</li> </ul> <p><b>LifeLoc Cushion: Highest LEED Value</b></p> <ul style="list-style-type: none"> <li>provides safety and comfort – reduces fatigue and noise</li> </ul> <p><b>LifeLoc WL: Woven Liquid Barrier</b></p> <ul style="list-style-type: none"> <li>longevity in liquid barrier and leed points</li> </ul> <p><b>Eco Flex: Highest Performance Cushion Tile</b></p> <ul style="list-style-type: none"> <li>great appearance in retention</li> </ul> <p><b>UltraSet Modular System: Superior Performance Hard Back Tile</b></p> <ul style="list-style-type: none"> <li>acoustical benefits</li> </ul> <p><b>EuroFlex: Most Cost Effective Cushion Under Foot</b></p> <ul style="list-style-type: none"> <li>absorbs traffic shock</li> </ul> <p><b>Weldlok / Weldlok Plus : High Tuft Bind</b></p> <ul style="list-style-type: none"> <li>roller mobility</li> <li>retention of appearance</li> </ul> <p><b>Weldlok Plus: High Tuft Bind for Complex Construction</b></p> <ul style="list-style-type: none"> <li>roller mobility</li> <li>easy to install</li> </ul>
	<b>MISC. COMMENTS</b>	<p>Duraloc AC: prevents wicking, eliminates odors, improves ability to remove spills, does not support mold and mildew growth, acoustical benefits, thermo insulator  Duraloc MG: enhanced moisture resistant, prevents wicking, eliminates odors, does not support mold and mildew growth  LifeLoc Laminate: Recommended for airports, hospitals, schools, medical offices, assisted living centers, convention and exhibit halls  LifeLoc Cushion:  LifeLoc WL:  Eco Flex: prevents edge ravel and zippering  UltraSet Modular System:  EuroFlex: improves appearance by absorbing traffic shock  Weldlok / Weldlok Plus:  Weldlok Plus:</p> <p>What materials are used in product packaging?  Is packaging made of recycled content, recyclable, or minimal?</p>
	<b>CONTRIBUTION TO LEED POINTS</b>	<p>The following collections contribute to LEED points:  Duraloc AC  Duraloc MG</p>

		Lifeloc Laminate Lifeloc Cushion Lifeloc WL
<b><u>COMPANY PROFILE</u></b>	<b>GREEN PHILOSOPHY</b>	<p>Quoted from the Mohawk Website:</p> <p>“Our sustainability vision encompasses a three-pronged strategic approach that focuses on our processes, our products and our people. Initially our goals are more environmental in nature because of the critical nature of that component. Our intention throughout all of our endeavors is to maximize our shareholder and stakeholder value.</p> <p>Our process strategy is focused on optimizing energy consumption and seeking innovative energy alternatives; minimizing the amount of water used to conduct our business and creating innovative ways of reclaiming water that is used; and, maximizing reuse and recycling of process waste in order to reduce waste to landfill.</p> <p>Our product strategy seeks to maximize the amount of recycled or renewable content in all products. Going forward, we will work to hold our suppliers increasingly to the highest business and ethical standards in order to ensure that all imported or domestically sourced products are manufactured using fair labor standards and are packaged with re-use or recycling in mind. We are also committed to developing processes that will make it easier for customers to recycle products at the end of their useful lives.</p> <p>Our people strategy promises to employ fair labor practices and encourages involvement between our employees and the communities in which they live and work. Likewise, as a company, we work to be a good corporate citizen by actively supporting and participating in these communities and those organizations that positively impact our employees.”</p>
	<b>CONTACT</b>	888-770-6936 www.mohawkgroup.com
	<b><u>MAINTENANCE</u></b>	<b>AFTER INSTALLATION</b>