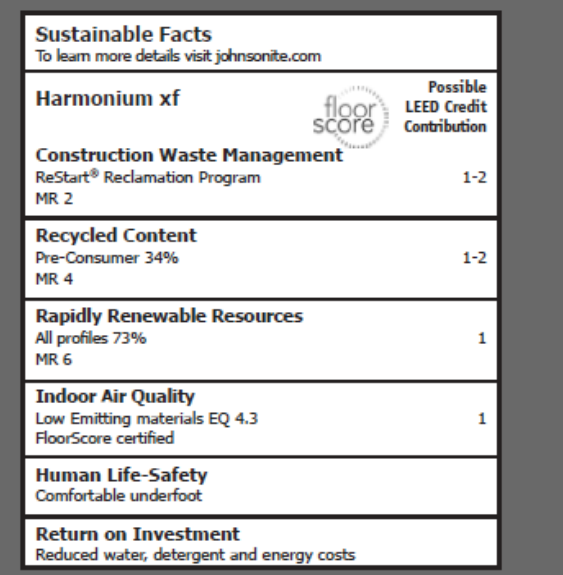


PRODUCT INFORMATION	TYPE OF PRODUCT	Linoleum Homogenous Flooring
	COMPANY NAME	Johnsonite
	PRODUCT/COLLECTION NAME	Harmonium xf : Tarkett Collection
	DESCRIPTION	Linoleum homogenous flooring on jute backing for rolls (except for acoustic on Elefano backing) and synthetic backing for tiles.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Wood and cork flour, linseed oil, limestone, natural resins, pigments.
	RECYCLED CONTENT %	34%
	RAPIDLY RENEWABLE CONTENT %	Based on up to 95% natural raw materials, of which 73% are rapidly renewable
	HARMFUL ADDITIVES	No report on harmful additives
	HARMFUL EMISSIONS	Low emitting materials: EQ 4.3
	EMISSION STRENGTH OVER TIME	EQ 4.3
	TREATMENTS	N/A
MANUFACTURING	MANUFACTURING PROCESS	Harmonium xf is made from 95 percent natural materials such as linseed oil, flax seed, wood and limestone; 73 percent of those rapidly renewable. In fact, Harmonium xf has the highest rapidly renewable content in the industry, which helps contribute to LEED™ credits and a more sustainable future for us all.
	HARMFUL EMISSIONS	Low emitting materials: EQ 4.3
	LOCATION OF MANUF. PLANT	Specifications state the manufacturer is located in Ohio.
	TESTS/CODES	
	3RD PARTY CERTIFICATION	Floorscore certified for good indoor air quality. CRI Green Label Plus Certified SCAQMD Rule 1168 – VOC compliant – 20 g/l
INSTALLATION	INSTALLATION PROCEDURE	Different installation procedures for sheet goods and tile. Visit: http://www.johnsonite.com/FlooringProducts/HarmoniumxfLinoleum/tabid/787/Default.aspx For the complete detailed instructions on installation.
	INSTALLATION ADHESIVES	Johnsonite #950 Resilient Flooring Adhesive: -non-flammabel, solvent free, acrylic latex emulsion adhesive -High-strength adhesive for porous and non-porous substrates -Contains no hazardous or carcinogenic ingredients as defined by OSHA chemicals and meets all federal, state and local air quality regulations -Contributes to LEED Certification (E.Q. 4.1: Low-emitting Materials: Adhesives and Sealants)
	UNIT COST	Check with local distributor: L. Fishman & Son 3718-B Alliance Dr. Greensboro, NC 27407 336-854-0094 Ellis Flooring Sales 614 Broome Rd Greensboro, NC 27406 866-895-7603
	LIFE CYCLE ANALYSIS EXTRACTION	Harmonium xf also offers one of the lowest life-cycle costs available, lasting 30, even 40 years. And it looks good with little effort, thanks to our proprietary xf finish. The toughest in the industry, our xf finish requires no initial waxing and polishing. Cleaning is faster and easier, too. Most end-users save 30 percent on maintenance. And 50 percent on water, detergents and energy over its lifetime.
	END OF SERVICE LIFE	30 – 40 years
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	Recommended areas for use: -Education: Classrooms, corridors, multipurpose rooms, qymnasiums, laboratoires, cafeterias, lavatories -Offices: Break rooms, offices, corridors, cafeterias, lavatories -Retail: Sales areas, offices -Healthcare: Patient rooms, exam rooms, lobbies, corridors, emergency rooms, critical care, laboratories

		-Hospitals: Corridors, vending areas, lobbies														
MISC. COMMENTS		No other linoleum is so resistant to stains, abrasion and chemicals. And we have the results to prove it. After extensive testing at the WFK Institute in Germany, a leading international cleaning technology research center, results show that Harmonium xf significantly outperforms ordinary linoleum in brightness and color retention, alkali resistance, and stain resistance to a series of substances, including acetone, coffee and betadine. It's also naturally antibacterial, biodegradable, fire retardant and capable of self-healing surface scratches.														
CONTRIBUTION TO LEED POINTS		<p>LEED Certified:</p>  <table border="1"> <thead> <tr> <th>Sustainable Facts</th> <th>Possible LEED Credit Contribution</th> </tr> </thead> <tbody> <tr> <td>Construction Waste Management ReStart® Reclamation Program MR 2</td> <td>1-2</td> </tr> <tr> <td>Recycled Content Pre-Consumer 34% MR 4</td> <td>1-2</td> </tr> <tr> <td>Rapidly Renewable Resources All profiles 73% MR 6</td> <td>1</td> </tr> <tr> <td>Indoor Air Quality Low Emitting materials EQ 4.3 FloorScore certified</td> <td>1</td> </tr> <tr> <td>Human Life-Safety Comfortable underfoot</td> <td></td> </tr> <tr> <td>Return on Investment Reduced water, detergent and energy costs</td> <td></td> </tr> </tbody> </table>	Sustainable Facts	Possible LEED Credit Contribution	Construction Waste Management ReStart® Reclamation Program MR 2	1-2	Recycled Content Pre-Consumer 34% MR 4	1-2	Rapidly Renewable Resources All profiles 73% MR 6	1	Indoor Air Quality Low Emitting materials EQ 4.3 FloorScore certified	1	Human Life-Safety Comfortable underfoot		Return on Investment Reduced water, detergent and energy costs	
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COMPANY PROFILE	GREEN PHILOSOPHY	Harmonium xf™ is part of a system that balances impact across people, the environment and the bottom line. Our goal is to develop solutions that use better materials, practice resource stewardship, and create people-friendly spaces while maximizing reused and recycled content.														
	CONTACT	Johnsonite 16910 Munn Road Chagrin Falls, Ohio 44023 Toll Free: 800.899/8916 Phone: 440.543.8916 Fax: 440.543.8920 or 440.543.5774														
MAINTENANCE	AFTER INSTALLATION	For complete, detailed instructions on cleaning, visit: http://www.johnsonite.com/FlooringProducts/HarmoniumxfLinoleum/tabid/787/Default.aspx <ol style="list-style-type: none"> 1. Follow the daily maintenance routine. 2. Additional cleaning requires the use of a rotary\scrubbing machine. <ul style="list-style-type: none"> • Mix neutral cleaner and water per manufacture's directions for spray application. • Spray the solution on the floor as the floor is cleaned with a low speed rotary\scrubbing machine (150-200 RPM) with a red fiber pad. • Rinse floor with clean water. Combine machine may be used instead of a rotary\scrubbing machine. White or red pads should be used.														