

<b>PRODUCT INFORMATION</b>	<b>TYPE OF PRODUCT</b>	Linoleum Flooring
	<b>COMPANY NAME</b>	Johnsonite
	<b>PRODUCT/COLLECTION NAME</b>	Harmonium xf
	<b>DESCRIPTION</b>	Durable and easy to maintain flooring option, easy to clean, homogenous product
<b>MATERIAL FEEDSTOCK</b>	<b>MATERIAL CONTENT</b>	Johnsonite's Linoleum consists of one homogeneous layer of oxidized linseed oil and natural resins mixed with wood or cork flour, limestone and pigments affixed to a jute backing. The marbled pattern extends evenly throughout the total thickness. Surface has 'xf' treatment for reduced maintenance.
	<b>RECYCLED CONTENT %</b>	27% Etrusco, 37% Veneto, Allegro & Toscano (pre-consumer)
	<b>RAPIDLY RENEWABLE CONTENT %</b>	75%
	<b>HARMFUL ADDITIVES</b>	n/a
	<b>HARMFUL EMISSIONS</b>	
	<b>EMISSION STRENGTH OVER TIME</b>	
	<b>TREATMENTS</b>	Urethane polymer based surface treatment with particle reinforcement
<b>MANUFACTURING</b>	<b>MANUFACTURING PROCESS</b>	n/a
	<b>HARMFUL EMISSIONS</b>	none
	<b>LOCATION OF MANUF. PLANT</b>	Johnsonite, Inc., 16910 Munn Road Chagrin Falls, Ohio 44023
	<b>TESTS/CODES</b>	ASTM
	<b>3<sup>RD</sup> PARTY CERTIFICATION</b>	Floor Score Certified, Collaborative for High Performance Schools
<b>INSTALLATION</b>	<b>INSTALLATION PROCEDURE</b>	See online product specification for full installation instructions
	<b>INSTALLATION ADHESIVES</b>	Tarkett 450 Linoleum Adhesive (Wet Tacky Set) • Porous Substrates: 3/32"x3/32"x3/32" trowel – approximately 110 sq.ft./gal. • Non-Porous Substrates: 1/16"x1/16"x1/16" trowel – Approximately 125 sq.ft./gal. Tarkett 940 Two-Part Polyurethane (Wet Set) 1/32"x1/16"x 1/32 trowel
	<b>UNIT COST</b>	varies
	<b>LIFE CYCLE ANALYSIS</b>	Harvested in 10 years or less
	<b>END OF SERVICE LIFE</b>	RESART Reclamation Project
	<b>MISC. PROPERTIES</b>	Durable, long life
<b>MISC. PROPERTIES</b>	<b>QUALITIES/PROPERTIES OF PRODUCT</b>	Durable, long life
	<b>MISC. COMMENTS</b>	
	<b>CONTRIBUTION TO LEED POINTS</b>	MR c 4 Recycled Content MR c 6 Rapidly Renewable Materials IEQ 4.1 Low Emitting Materials-choose low VOC adhesive IEQ 4.3 Low Emitting Materials-linoleum flooring
<b>COMPANY PROFILE</b>	<b>GREEN PHILOSOPHY</b>	Johnsonite is committed to its responsibility of preserving the environment for future generations and delivers integrated solutions that balance our customers' objectives of environmentally compatible products, increased life-safety and productivity, and an effective return on investment.
	<b>CONTACT</b>	Johnsonite, Inc., 16910 Munn Road Chagrin Falls, Ohio 44023 Phone: (800) 899-8916 (440) 543-8916 Tech: Ext 297 Samples: Ext 299 Fax: (440) 543-8920 Web: www.johnsonite.com E-mail: info@johnsonite.com
<b>MAINTENANCE</b>	<b>AFTER INSTALLATION</b>	1. Thoroughly sweep or vacuum the flooring to remove all loose dirt and grit. 2. Prepare a cleaning solution of 2 to 4 oz of Taski "Profi" or Johnson Wax Professional "Stride" oil and grease emulsifying neutral detergents (pH of 7-8), per gallon of warm water. The dilution selected depends

on light to heavy soil conditions.

3. Apply the cleaning solution with a nylon or rayon mop, and let stand for 5-15 minutes.