IAR Library: 09.68.13 KR 2012 Carpeting 09.68.13 2012

PRODUCT	TYPE OF PRODUCT	
INFORMATION		Flooring
	COMPANY NAME	Kraus
	PRODUCT/COLLECTION NAME	Ignition, Gatewood, and Framework
	DESCRIPTION	Carpet
MATERIAL FEEDSTOCK		Nylon commercial carpets
	RECYCLED CONTENT %	Environmental attributes are a key criterion in Kraus' raw material
		sourcing strategy. For example, most Kraus nylon carpet fiber is made of 100% type 6 nylon polymer, chosen for its lower energy
		requirements and suitability for post-consumer.
	RAPIDLY RENEWABLE CONTENT	Raw materials are readily available to ensure not to deplete resources.
	%	
	HARMFUL ADDITIVES	There are no harmful additives
	HARMFUL EMISSIONS	The product does not emit greenhouse gasses.
	EMISSION STRENGTH OVER TIME	The product does not offgas throughout its entire lifecycle.
	TREATMENTS	Kraus' solution dyeing process conserves water and eliminates
		wastewater emissions. The environmental impact of liquid dyeing is
		completely eliminated as dry color pigments are added to the nylon
		polymer before the fiber is made, in a much cleaner, less wasteful
MANUEACTURING	MANUFACTURING PROCESS	process.
MANUFACTURING	MANUFACTORING PROCESS	Kraus' Process Improvement Team continually analyzes manufacturing processes and procedures. This perpetual self-
		evaluation program improves environmental impact, productivity, and
		workplace safety.
		workplace salety.
		Our innovative ReNew™ postindustrial recycling program re-uses
		waste polymer in various forms, that is then sorted according to
		color, purity and state: the tubes around which our yarn is wound
		are products of recycling. Today we use returnable tubes made
		from recycled polymer, replacing disposable cardboard tubes.
	LOCATION OF MANUF. PLANT	Kraus has 624,000 square feet of manufacturing space combined with
		176,000 square feet of warehousing facilities in Waterloo alone. We have also created logistical synergies with our distribution centers across North
		America totaling in excess of an additional 800,000 square feet of
		warehouse space which positions Kraus to service a broad assortment of
		products from inventories. Kraus' information systems are networked for
		coordinated inventory management. Enormous yarn inventories are
		available, keeping production lead times to a minimum
		Has the material met the testing requirements for certificationsNo
	3 RD PARTY CERTIFICATION INSTALLATION PROCEDURE	N/A
	INSTALLATION PROCEDURE	Kraus carpet must be installed in accordance with <u>Carpet & Rug Institute</u> standards CRI-104 (commercial carpet) or CRI-105 (residential carpet), as
		elaborated on their website:
		http://www.krauscarpet.com/installation_recommendations0.htm
INSTALLATION	INSTALLATION ADHESIVES	N/A
	UNIT COST	The samples in our library cost between \$20 - \$38 per yard.
	LIFE CYCLE ANALYSIS	Kraus aims to produce recyclable products with longer lifecycles using
	EXTRACTION	environmentally sustainable manufacturing processes.
		Please refer to this page on their website:
		http://www.krauscarpet.com/environmentalResponsibility.htm
	END OF SERVICE LIFE	Our innovative ReNew™ postindustrial recycling program re-
		uses waste polymer in various forms, that is then sorted according
		to color, purity and state: the tubes around which our yarn is wound
		are products of recycling. Today we use returnable tubes made
		from recycled polymer, replacing disposable cardboard tubes.
	QUALITIES/PROPERTIES OF	The product does have high durability.
	PRODUCT	
MISC. PROPERTIES	MISC. COMMENTS	Kraus continually adopts new conservation technologies. In 2003, we
		recycled and diverted from landfill 1300 fluorescent lamps, replacing

	CONTRIBUTION TO LEED POINTS GREEN PHILOSOPHY	them with ultra-low energy lighting. We annually divert over 9.5 tons of our office paper waste and corrugated cardboard from landfill. While tracking recent trends with our recycling partners, it was estimated that material picked up at our dock will be a new paper product again in less than two weeks. N/A Kraus aims to produce recyclable products with longer lifecycles using environmentally sustainable manufacturing processes.
		The vast majority of Kraus products are recyclable. In cooperation with strategic suppliers, Kraus operates post-consumer collection and recycling systems for eligible nylon commercial carpets
COMPANY PROFILE	CONTACT	Waterloo Head Office 65 Northfield Drive, West Waterloo, ON N2L 0A8 Canada Phone: (519) 884.2310 Fax: (519) 884.0170
	AFTER INSTALLATION	 Regular carpet maintenance can enhance your indoor air quality and prevent your carpet's appearance from deteriorating prematurely. Because preventative maintenance is less expensive and more effective than infrequent restorative cleaning, Kraus Carpet Mills recommends that you: Vacuum and spot clean your carpet daily. Implement a preventive maintenance program. Use hot water extraction to restore heavily soiled carpet.
MAINTENANCE		