IARC Library: 12.59.00 ST 2011

Furniture 12.59.00 2011

PROPUCT	TYPE OF PRODUCT	Office frankrige
PRODUCT INFORMATION	TYPE OF PRODUCT	Office furniture
INFORMATION	COMPANY NAME	Steelcase
	PRODUCT/COLLECTION NAME	U- Free
	DESCRIPTION	U-Free gives you the freedom to create exactly what you need, drawing from our most comprehensive and versatile product family.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	FSC or SFI Certified wood and veneer <i>available</i> , water based glue, stain, topcoats and UV finishes. PVC free banding <i>available</i> . 100% recycled particleboard.
	RECYCLED CONTENT %	Composite wood core products are 80-85% pre-consumer recycled; 25% post consumer/7%pre-consumer recycled steel
	RAPIDLY RENEWABLE CONTENT %	
	HARMFUL ADDITIVES	Very little – assuming materials are carefully selected. (i.e. Choose PVC free banding)
	HARMFUL EMISSIONS	Very little
	EMISSION STRENGTH OVER TIME	Very weak
	TREATMENTS	Water based stain, topcoats and UV finishes are used
MANUFACTURING	MANUFACTURING PROCESS	Water from the finishing process is cleaned and reused in continuous loop.  A Steelcase owned wind farm supplies energy to a small Texas facility.
	HARMFUL EMISSIONS	Steelcase goes to great lengths to reduce energy consumption and waste. Two facilities are ISO 14001 certified and one in Michigan is LEED certified under the pilot program.
	LOCATION OF MANUF. PLANT	Many locations, the largest are in: Toronto, ON; Grand Rapids, MI; Athens, AL
	TESTS/CODES	ANSI / BIFMA X 5.5 – 2008 Desk /Table Products Tests ANSI / BIFMA X5.9-2004 Storage Products Tests UL 723 Surface Burning Characteristics of Building Materials (ASTM E84 or NFPA 255 test method) UL 1286 Standard for Safety of Office Furnishings Flame Spread Index (FSI) less than 200 Smoke Developed Index (SDI) less than 450 (unless labeled "Smoke Developed Index Over 450")
	3 <sup>RD</sup> PARTY CERTIFICATION	C2C (varies by specific element), BIFMA (a non-profit institutional furniture association)
INSTALLATION	INSTALLATION PROCEDURE	Install via mechanical means as instructed
	INSTALLATION ADHESIVES	N/A
	UNIT COST	Varies
	LIFE CYCLE ANALYSIS	
	EXTRACTION	
	END OF SERVICE LIFE	Steelcase has several end-of-life reclamation programs in place to resell,
MISC. PROPERTIES	QUALITIES/PROPERTIES OF	refurbish, donate, or recycle products.  Durable, modular, adaptive
WISC. PROPERTIES	PRODUCT	Durable, modular, adaptive
	MISC. COMMENTS	Packaging is returnable/recyclable
	CONTRIBUTION TO LEED POINTS	EA 1.1, 1.2, MR 2, 3.2, 4, 5, 6, 7, EQ 4.4, 4.5, 6.1, 8.1, 8.2, ID 1, 2
COMPANY PROFILE	GREEN PHILOSOPHY	It's possible to find a business partner who cares about the planet. We are constantly seeking more effective ways to conserve resources, prevent pollution and nurture environmental consciousness in our people every day.
	CONTACT	1-800-333-9939
MAINTENANCE	AFTER INSTALLATION	Dust with soft damp cloth, - for upholstered surfaces, follow instructions