IARC Library: 12.59.00 St 2011

Furniture 12.59.00 2011

PRODUCT	TYPE OF PRODUCT	Office furniture
INFORMATION	TTPE OF PRODUCT	
INI OTHER TON	COMPANY NAME	Steelcase
	PRODUCT/COLLECTION NAME	Post and Beam
	DESCRIPTION	The flexible design of Post and Beam allows for a breadth of work settings within a given space, all of which have the same cohesive architectural look.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	60% recycled aluminum, FSC or SFI Certified wood and veneer available, water based glue, stain, topcoats and UV finishes. PVC free banding available. 100% recycled particleboard.
	RECYCLED CONTENT %	60% recycled aluminum, Composite wood core products are 80-85% preconsumer recycled
	RAPIDLY RENEWABLE CONTENT %	
	HARMFUL ADDITIVES	Very little – assuming materials are carefully selected. (i.e. Choose PVC free banding)
	HARMFUL EMISSIONS	
	EMISSION STRENGTH OVER TIME	
	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
	3 <sup>RD</sup> PARTY CERTIFICATION	Developed Index Over 450")  C2C (varies by specific element), BIFMA (a non-profit institutional
	3 PARTI CERTIFICATION	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, refurbish, donate, or recycle products.
MISC. PROPERTIES	QUALITIES/PROPERTIES OF 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