

IAR Library: 12.36.00 Pa 2012
Simulated Stone
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PRODUCT INFORMATION	TYPE OF PRODUCT	Surface
	COMPANY NAME	Paneltech International
	PRODUCT/COLLECTION NAME	PaperStone
	DESCRIPTION	PaperStone recycled paper, water-based phenolic resin with cashew nut shell binder and organic pigment. Heat and pressure transform this mixture into a thoroughly impregnated network of cellulose fibers that give PaperStone its hardness, density and strength in span or cantilevered designs.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	PaperStone Certified is made of 100% FSC-Certified recycled paper, water-based phenolic resin with cashew nut shell binder and pigment PaperStone Original is made of 100% post-consumer recycled cardboard
	RECYCLED CONTENT %	Original- 100% post-consumer recycled cardboard Certified- 100% recycled FSC paper
	RAPIDLY RENEWABLE CONTENT %	Cashews and waste stream paper
	HARMFUL ADDITIVES	None
	HARMFUL EMISSIONS	None
	EMISSION STRENGTH OVER TIME	None
	TREATMENTS	Organic pigments Resin is cashew oil and water based Finish with Carnauba and Beeswax
MANUFACTURING	MANUFACTURING PROCESS	Waste is used to fuel heating systems
	HARMFUL EMISSIONS	None
	LOCATION OF MANUF. PLANT	Hoquiam, WA Locally sourced paper products from Gray's Harbor
	TESTS/CODES	Class A fire rating, 'non-detectable' formaldehyde by the desiccant method test, Class A Smoke Developed index
	3RD PARTY CERTIFICATION	FSC, Rainforest Alliance, SmartWood
INSTALLATION	INSTALLATION PROCEDURE	Mill as you would wood Install using two part epoxy or 3M CA-5
	INSTALLATION ADHESIVES	Recommended adhesives have high VOC content – consider an adhesive such as 3M's 2216 which has a lower VOC content (6-10grams/liter when mixed)
	UNIT COST	Varies
	LIFE CYCLE ANALYSIS EXTRACTION	Low installation and maintenance cost
	END OF SERVICE LIFE	Process is being developed to grind PaperStone into a dust to be added to resin for molding objects such as sink bowls, vanity tops, and shower bases.
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	High durability Strength similar to steel
	MISC. COMMENTS	Colors may vary from batch to batch – some colors may change over time without UV protection
	CONTRIBUTION TO LEED POINTS	MR 4.1, MR 4.2, MR 4.0, MR 5.1, MR 5.2, MR 5.0, EQ 4.4
COMPANY PROFILE	GREEN PHILOSOPHY	PaperStone is committed to innovative green products that contribute to a holistic lifestyle that is smart, elegant, and responsible
	CONTACT	To order: ECO Supply Center www.ecosupplycenter.com 1310 Roseneath Road Richmond, VA 23230 Tel: 804.355.3547 For technical questions: Mark Knudtson markk@paperstoneproducts.net 800.883.7005 360.538.9815
MAINTENANCE	AFTER INSTALLATION	Wipe with mild soap, buff with scotch-brite pad for stains or scuffs