

<b><u>PRODUCT INFORMATION</u></b>	<b>TYPE OF PRODUCT</b>	Cement Board
	<b>COMPANY NAME</b>	James Hardie Siding Products
	<b>PRODUCT/COLLECTION NAME</b>	Cement Board Hardie Backer
	<b>DESCRIPTION</b>	½" thick cement board for walls and floors
<b><u>MATERIAL FEEDSTOCK</u></b>	<b>MATERIAL CONTENT</b>	90% concrete and ground sand
	<b>RECYCLED CONTENT %</b>	90% concrete and ground sand
	<b>RAPIDLY RENEWABLE CONTENT %</b>	100%
	<b>HARMFUL ADDITIVES</b>	0%; contains no asbestos, glass mesh, formaldehyde, gypsum
	<b>HARMFUL EMISSIONS</b>	Silicon dust in manufacturing
	<b>EMISSION STRENGTH OVER TIME</b>	20 year warranty 2100 psi
	<b>TREATMENTS</b>	MSDS sheets
<b><u>MANUFACTURING</u></b>	<b>MANUFACTURING PROCESS</b>	-
	<b>HARMFUL EMISSIONS</b>	Silicon dust in manufacturing
	<b>LOCATION OF MANUF. PLANT</b>	Mission Viejo, CA
	<b>TESTS/CODES</b>	See MSDS sheets
	<b>3<sup>RD</sup> PARTY CERTIFICATION</b>	Unknown
<b><u>INSTALLATION</u></b>	<b>INSTALLATION PROCEDURE</b>	Carbon tipped saw-blade, pre-drill, nail
	<b>INSTALLATION ADHESIVES</b>	None
	<b>UNIT COST</b>	-
	<b>LIFE CYCLE ANALYSIS</b>	15 year warranty on finish, 2 year life
	<b>END OF SERVICE LIFE</b>	20 year warranty life
<b><u>MISC. PROPERTIES</u></b>	<b>QUALITIES/PROPERTIES OF PRODUCT</b>	Retains color, resists fading, maximum durability
	<b>MISC. COMMENTS</b>	Safes hardwood waste
	<b>CONTRIBUTION TO LEED POINTS</b>	Unknown
<b><u>COMPANY PROFILE</u></b>	<b>GREEN PHILOSOPHY</b>	Replacement for wood-less tree waste
	<b>CONTACT</b>	www.jameshardie.com 866-4-Hardie (866-442-7343)