

PRODUCT INFORMATION	TYPE OF PRODUCT	Siding and trim
	COMPANY NAME	LP Smartside Trim & Siding
	PRODUCT/COLLECTION NAME	Smartside trim Smartside siding
	DESCRIPTION	Trim and siding for residential use
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Silica –free, wood and natural renewable resources, environmentally safe resins
	RECYCLED CONTENT %	Wood is the primary raw material
	RAPIDLY RENEWABLE CONTENT %	<p>All of our products use wood certified under Sustainable Forestry Initiative Standards</p> <p>Follows forestland management standards in order to ensure prompt reforestation, soil conservation, riparian protection, proper use forest health on lands that we manage, protect water quality, fish and wildlife habitats and protect ecological, historical and cultural sites such as interpretive trails, endangered species, bird sanctuaries and unique forest types</p> <p>Goal: To reduce our carbon footprint support and become carbon neutral industry-wide by 2015.</p>
	HARMFUL ADDITIVES	Manufactured with low off-gassing & environmentally-safe resins No urea-formaldehyde is added to products
	HARMFUL EMISSIONS	Amount unknown
	EMISSION STRENGTH OVER TIME	Amount unknown
	TREATMENTS	Smart guard process with zinc borate to resist termites and fungal decay Pre-primed with thermoset acrylic latex primer
MANUFACTURING	MANUFACTURING PROCESS	<p>All of LP's North American facilities have an Environmental Management System (EMS), which encourages employees to improve the environment at all levels.</p> <p>Lean Six Sigma program: complements EMS with a structured approach to reducing inefficiencies and waste. More efficient processes mean better use of resources like wood, energy, and water.</p> <p>Each plant is audited once every three years by a visiting group of environmental and safety managers from other LP plants or LP's internal audit department</p> <p>Power Forward (an internal program) is aimed at reducing energy usage throughout the company. First goal was to reduce total energy consumption by 10% by Jan 2012 and second goal is to reduce the reliance on nonrenewable energy resources.</p> <p>Uses biomass as a heat source for our manufacturing processes: 72% of the energy used comes from biomass energy produced on-site compared to 28% from all other forms of purchased energy.</p> <p>New bark burner technology improves operational efficiency because more usable wood goes into producing board instead of being combusted for energy. The design of the centralized heat source provides a more consistent source of heat, reducing or eliminating the need for natural gas as a backup fuel.</p>
	HARMFUL EMISSIONS	<p>Focused on reducing natural gas consumption and increasing efficiency of the biomass generated.</p> <p>LP spent more than 18 million dollars on natural gas to control particulate emissions associated with the production of our products.</p> <p>Uses Regenerative Thermal Oxidizers (RTOs) to Regenerative Catalytic Oxidizers (RCOs) to reduce gas usage. (By placing ceramic media impregnated with precious metals (platinum and palladium) in the unit to aid in the destruction of the emissions, the RCOs can operate at lower</p>

		<p>overall temperatures. On average, the conversion reduces natural gas requirements by at least 50% per unit. per LP Website)</p> <p>Focused on Energy and Greenhouse Gas Emissions (GHGs) reduction. Target goal to reduce 12% of GHG from direct sources by 2012, using international protocols prescribed by the Intergovernmental Panel on Climate Change (IPCC) in addition to membership in the American Forest & Paper Association (AF&PA).</p>
	LOCATION OF MANUF. PLANT	Plants in North America and South America
	TESTS/CODES	N/A
	3RD PARTY CERTIFICATION	Energy Star Certified Product, NAHB
<u>INSTALLATION</u>	INSTALLATION PROCEDURE	Not Specified
	INSTALLATION ADHESIVES	Low emitting safe resins used as binding agent
	UNIT COST	A
	LIFE CYCLE ANALYSIS EXTRACTION	Installs 12% faster than fiber cement siding
	END OF SERVICE LIFE	Not Specified
<u>MISC. PROPERTIES</u>	QUALITIES/PROPERTIES OF PRODUCT	<p>50 year warranty free of knots and voids in material</p> <p>Engineered with zinc borate to help resist termites and fungal decay</p> <p>Minimizes jobsite waste: absence of knots helps reduce scrap woodpiles, longer product lengths reduce the number of pieces needed and superior durability means less material lost to breakage</p>
	MISC. COMMENTS	<p>Awarded: One of the Safest Companies in America for 2007 by Occupational Hazards Magazine</p> <p>Charitable Goods: Makes contributions of cash and product to nonprofits in the community. Cash contributions come both from the Corporation and the LP Foundation and are focused in the areas of shelter programs, K-12 public schools, environmental programs, and special community needs in the areas where mills and administrative offices are operated.</p>
	CONTRIBUTION TO LEED POINTS	Materials and Resources Indoor Environmental Quality
<u>COMPANY PROFILE</u>	GREEN PHILOSOPHY	<p>In business, one fact is clear: in order for a company to be sustainable, it must first be sustained economically. Because all of a company's successes grow out of its continued success as a working business model – one that generates long-term economic rewards for all of its stakeholders.</p> <p>At LP Building Products, our approach to running a successful business through good times and hard times is straightforward. We devote ourselves to making the best products possible, practicing high ethics and fiscal responsibility, and respecting our customers, vendors, stockholders and employees.</p> <p>In turn, the monies generated allow us to do everything from investing in our future and paying our taxes and our employees to supporting communities and helping the environment.</p>
	CONTACT	<p>Phone [888] 820-0325 Fax [877] 523-7192</p> <p>LP Marketing Center 29 Industrial Park Drive Binghamton, NY 13904</p>
<u>MAINTENANCE</u>	AFTER INSTALLATION	Not Specified