

**IAR Library: 08.00.00 Brochure**  
**Windows**  
**08.00.00**  
**2010**

<b>PRODUCT INFORMATION</b>	<b>TYPE OF PRODUCT</b>	Doubled and triple-paned Windows
	<b>COMPANY NAME</b>	Pella
	<b>PRODUCT/COLLECTION NAME</b>	The Pella Window & Door Collection
	<b>DESCRIPTION</b>	The product offers double and triple-pane glazing options for added energy savings. Double-paned glass can reduce energy costs up to 17 percent and triple-paned glass can decrease energy bills by as much as 28 percent. Plus, between the glass blinds or shades can help increase overall energy savings and decrease sound transmission for more peace and quiet. And, Pella's Low-E insulating glass with argon** helps prevent the transfer of heat and block ultraviolet rays that damage interior furnishings
<b>MATERIAL FEEDSTOCK</b>	<b>MATERIAL CONTENT</b>	Wood, Glass, Aluminum
	<b>RECYCLED CONTENT %</b>	20% recycled glass, 95% of aluminum for cladding
	<b>RAPIDLY RENEWABLE CONTENT %</b>	Surplus of scrap glass and broken glass are returned to a recycling vendor and used for different applications such as reflective coating for highways, bottles and or course glass for our windows and doors. It takes 95% less energy to produce aluminum from recycled aluminum. To provide a durable low-maintenance exterior surface, this cladding protects the exterior wood products from the elements. Pella goes to extraordinary lengths to use wood efficiently. Putting to use high-tech laser scanning, finger jointing and recycling assure even the smallest pieces of wood are used responsibly in production. They have worked hard and in the last five years have cut there cost by 10%.
	<b>HARMFUL ADDITIVES</b>	Paint, they suggest Sherwin-Williams for paint choices.
	<b>HARMFUL EMISSIONS</b>	N/A
	<b>EMISSION STRENGTH OVER TIME</b>	N/A
<b>MANUFACTURING</b>	<b>TREATMENTS</b>	EnduraGuard wood treatment formula
	<b>MANUFACTURING PROCESS</b>	N/A
	<b>HARMFUL EMISSIONS</b>	Low VOC paints
	<b>LOCATION OF MANUF. PLANT</b>	Wood Windows and Patio Doors: Pella, Carroll, Shenandoah, and Sioux Center, Iowa; and Macomb, Ill. Fiberglass and vinyl products are manufactured in Murray, Ky. Vinyl windows and patio doors are also manufactured in Gettysburg, Pa.; West Columbia, S.C. and Portland, Ore. Entry door systems are produced in Fairfield, Ohio and Wylie, Texas. EFCO, a Pella Company, creates commercial products in Monett, Mo.
	<b>TESTS/CODES</b>	STC Rating 27-36 NFRC U-Value .33-.82 Solar Heat Gain Coefficient .21-.59
	<b>3<sup>RD</sup> PARTY CERTIFICATION</b>	DOE Energy Star NFRC USGBC AIA CES
	<b>INSTALLATION PROCEDURE</b>	There is a very detailed in depth description of how to install a window with each step broken down the title of the file is Awning Picture: <a href="http://www.eaglewindows.com/getdoc/bf3a20d4-f6aa-452f-8adf-5a8f8881d71d/Installation-Instructions.aspx">http://www.eaglewindows.com/getdoc/bf3a20d4-f6aa-452f-8adf-5a8f8881d71d/Installation-Instructions.aspx</a> The Pella company also has a description of how to install there product with some differences in adhesives.
	<b>INSTALLATION ADHESIVES</b>	Smartflash (tape), Great stuff (a foam),
	<b>UNIT COST</b>	Varies
	<b>LIFE CYCLE ANALYSIS</b>	N/A
	<b>END OF SERVICE LIFE</b>	Recycle back into the system
<b>MISC. PROPERTIES</b>	<b>QUALITIES/PROPERTIES OF PRODUCT</b>	They are partnered with DOE and ENERGY STAR Is one of the founding members of National Fenestration Rating Council Member of U.S Green Building Council and with that encourages the use of LEED certification process. AIA/CES registered
	<b>MISC. COMMENTS</b>	Be very careful of what windows and doors you choose not all of Pella's products are PVC free.

	<b>CONTRIBUTION TO LEED POINTS</b>	Can contribute to more than 20 out of 69 possible points for LEED in the Energy and Environmental Design and for New Construction and Major Renovations for Commercial Buildings.
<b>COMPANY PROFILE</b>	<b>GREEN PHILOSOPHY</b>	As an industry leader in manufacturing quality windows and doors, Pella is dedicated to responsibly using resources and safeguarding the environment. We take a comprehensive approach to environmental stewardship, including: Recycling Pella's process minimizes our use of nonrenewable resources. Responsible Procurement Pella uses sustainable sources and works with wood vendors who practice responsible harvest and replenishment. The same principles of responsible procurement and efficient utilization are used by Pella when working with wood or alternative materials like engineered fiberglass, vinyl or aluminum. Pollution Minimization In 2006, the EPA recognized Pella with its Pollution Prevention for Environmental Excellence Program honorable mention award for our responsible manufacturing processes. Reducing Energy Consumption Pella offers the windows and doors rated #1 for energy efficiency among top national brands.
	<b>CONTACT</b>	Pella Corporation Customer Service Department 102 Main Street Pella, Iowa 50219  Tel: 1.800.374.4758 Web: <a href="http://www.pella.com">www.pella.com</a>
<b>MAINTENANCE</b>	<b>AFTER INSTALLATION</b>	Glass Cleaner