

PRODUCT INFORMATION	TYPE OF PRODUCT	Furniture fabrics
	COMPANY NAME	Sunbrella
	PRODUCT/COLLECTION NAME	Awnings
	DESCRIPTION	Sunbrella, a subsidiary of Glen Raven Custom Fabrics, manufactures a full line of window and patio awnings that can effectively reduce solar heat gain and subsequent cooling needs, with fabrics that are durable and colorfast. Research has demonstrated that exterior awnings can significantly reduce solar heat gain while maintaining views. Sunbrella awnings are 100% acrylic base fabric with a perfluorochemical finish coating for increased durability.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	100% solution-dyed acrylic
	RECYCLED CONTENT %	Recycling is an important part of our commitment to sustainability and the environment. For over 20 years, Glen Raven has recycled Sunbrella acrylic manufacturing waste into industrial products such as felt, insulation, and padding. Some of this recovered material waste is reborn as novelty yarns for use in decorative Sunbrella fabrics. We are proud to report that this program has enabled our customers to recycle over 100,000 pounds of fabric over the past 4 years.
	RAPIDLY RENEWABLE CONTENT %	Not applicable
	HARMFUL ADDITIVES	None
	HARMFUL EMISSIONS	None
	EMISSION STRENGTH OVER TIME	None
	TREATMENTS	None
MANUFACTURING	MANUFACTURING PROCESS	Not applicable
	HARMFUL EMISSIONS	None
	LOCATION OF MANUF. PLANT	North Carolina
	TESTS/CODES	Skin Cancer
	3RD PARTY CERTIFICATION	Our ISO 9001 Quality Management and ISO 14001 Environmental Management certifications demonstrate commitment to providing exceptional products and services while recognizing our environmental responsibilities. All Sunbrella and Firesist® fabrics are certified by the GREENGUARD Institute's Children and Schools standard for contributing to healthy indoor air quality by being a low emitting interior product.
INSTALLATION	INSTALLATION PROCEDURE	Not applicable
	INSTALLATION ADHESIVES	Not applicable
	UNIT COST	Varies based on product
	LIFE CYCLE ANALYSIS EXTRACTION	Sunbrella fabrics are extremely durable; they are engineered for a serviceable lifespan two to ten times longer than conventional fabrics. The environmental impact of producing cotton canvas, for example, must be multiplied many times to compare it with Sunbrella's extended longevity.
	END OF SERVICE LIFE	Because Sunbrella fabrics last longer, people use less fabric and generate less waste as compared to other fabrics that might fade, lose strength or succumb to mildew and atmospheric chemicals.
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	A recent study by the University of Minnesota illustrated that awnings made of fabric reduce home cooling energy consumption by 10% to 60% and peak cooling loads by as much as 40%, depending on geographic location. Cooling requires less energy because the awning's shade prevents the sun's heat from entering the home through windows.
	MISC. COMMENTS	When it's time to unwind, Sunbrella fabrics make life easy. Fade-proof, stain-resistant, and livable, our fabrics are worry-free and incredibly long lasting - especially as an awning or canopy. From the bright sun to heavy rain, Sunbrella fabrics are tough enough to withstand the extremes of Mother Nature, and our rich fabric remains beautiful season after season. Sunbrella is available in over 140 beautiful solids and stripes and features a 10 year limited warranty.
	CONTRIBUTION TO LEED POINTS	EAc1: Optimize Energy Performance

		NC-2009 NC-v2.2 EBOM-2009 Schools-2009 CS-2009 EAp2: Minimum Energy Performance NC-2009 NC-v2.2 CI-2009 Schools-2009 CS-2009 EAp2: Minimum Energy Efficiency Performance EBOM-2009
COMPANY PROFILE	GREEN PHILOSOPHY	The Sunbrella team is committed to consistently and creatively conducting business in an environmentally responsible manner. It is recognized as a member of the South Carolina Environmental Excellence Program as a result of our recycling and waste reduction programs. The team recycles all of its waste – including industrial materials, packaging, office and cafeteria waste.
	CONTACT	1831 North Park Ave. Glen Raven, NC www.sunbrella.com
	MAINTENANCE	AFTER INSTALLATION When cleaning Sunbrella fabrics, it is important to observe the following: 1-Always use a mild detergent such as Woolite or Dawn dishwashing liquid. 2-Water should be cold to lukewarm. 3-Rinse thoroughly to remove all detergent residue. 4-Air dry only. Never apply heat to Sunbrella fabrics. General or light cleaning To clean Sunbrella fabric while still on an awning frame, follow these simple steps: 1-Brush off loose dirt. 2-Hose down. 3-Prepare a cleaning solution of water and mild detergent, such as 4-Woolite or Dawn dishwashing liquid. 5-Use a soft bristle brush to clean. 6-Allow cleaning solution to soak into the fabric. 7-Rinse thoroughly until all detergent residue is removed. Air dry. 8-May not require re-treatment depending on the age of the fabric.