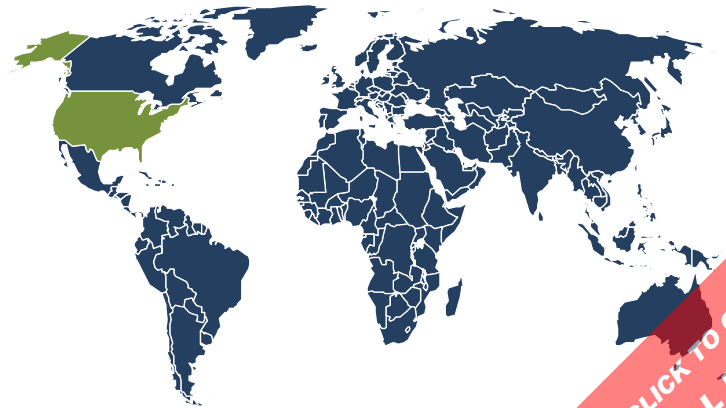




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Solar Control Glass: United States

June 2013



Highlights

Industry Overview

Market Size and Trends | Product Segmentation | Market Segmentation
Regulatory and Environmental Factors | Competitive Materials

Demand Forecasts

Market Environment | Product Forecasts | Market Forecasts

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ABOUT THIS REPORT

Scope & Method

This report forecasts US solar control glass demand in US dollars at the manufacturers' level and in square feet to 2017. Square footage measurements represent the area spanned by the complete glass product, not the area of raw flat glass consumed in the construction of the solar control product. Total demand in dollars is segmented by product in terms of:

- electrochromic mirrors
- smart window
- low emissivity (low-e)
- reflective.

For the purposes of this report, solar control glass consists only of products that do not also qualify as safety glass. Although photochromic sunglasses and goggles are a major application for smart glass technology, only those uses in which electrochromic coatings are applied to flat glass (such as motor vehicle sunroofs) are included.

Total demand in dollars is also segmented by market as follows:

- nonresidential architectural
- residential architectural
- vehicular and other.

To illustrate historical trends, total demand in dollars is provided in an annual series from 2002 to 2012, while the various segments and total demand in square feet are reported at five-year intervals for 2007 and 2012. Forecasts emanate from the identification and analysis of pertinent statistical relationships and other historical trends/events as well as their expected progression/impact over the forecast period. Changes in quantities between reported years of a given total or segment are typically provided in terms of five-year compound annual growth rates (CAGRs). For the sake of brevity, forecasts are generally stated in smoothed CAGR-based descriptions to the forecast year, such as "demand is projected to rise 3.2% annually through 2017." The result of any particular year over that period, however, may exhibit volatility and depart from a smoothed, long-term trend, as historical data typically illustrate.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

Solar Control Glass: United States is based on [High-Performance Flat Glass](#), a comprehensive industry study published by The Freedonia Group in June 2013. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- The Freedonia Group Consensus Forecasts dated April 2013
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
327211	Flat Glass Manufacturing	3211	Flat Glass
327215	Glass Product Manufacturing Made of Purchased Glass	3231	Glass Products Made of Purchased Glass
423390	Other Construction Material Merchant Wholesalers	5039	Construction Materials, NEC (merchant wholesalers)

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