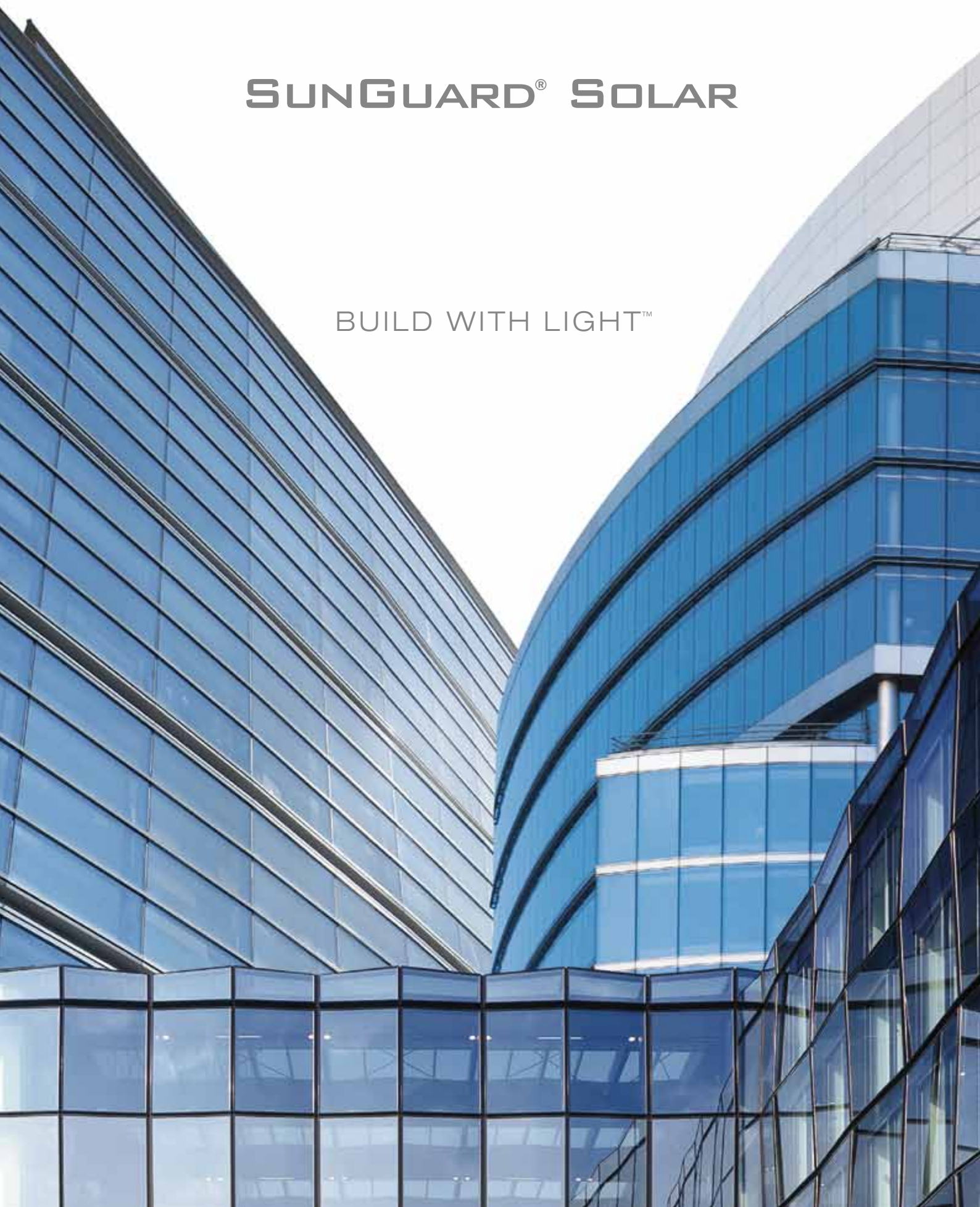
GUARDIAN SUNGUARD®

SUNGUARD® SOLAR

BUILD WITH LIGHT™



SunGuard® Solar

Solar control for creative applications.

BUILD WITH LIGHT™. Our comprehensive range of coatings, colours and design solutions allows architects to fully explore the aesthetic and functional possibilities of light, in both interior and exterior applications, while satisfying complex energy and performance requirements.

Contemporary architecture is notable for its generous use of glass. Homes and offices, flooded with light, play an important role in our quality of life. However, the high degree of transparency can also lead to increases in heat and ultraviolet light transmission. Modern solar control glass such as SunGuard® is able to reduce unwanted solar energy gain, while allowing maximum visible light transmission for virtually any application.

SunGuard® is manufactured by sputtering multiple layers on to a glass substrate, based on the patented Silacoat® process. The dynamic performance of the various coatings on clear substrates covers the spectrum of energy-efficient, colourful design applications.

Effective solar barrier

- Extremely low solar energy transmission

Attractive

- Range of colours available
- Pleasant, natural appearance when viewed in reflection or transmission

Durable

- Can be tempered and curved
- Compatible with most glazing materials
- Extended shelf life combined with short lead time

Versatile

- May be silkscreen printed*, coated with ceramic frit* or laminated

* Please see Processing Guidelines for architectural coated glass.

BUILD WITH LIGHT™
VIENNA BELGRADE BUDAPEST BRESCIA CAGLIARI ZAGREB KRASNODAR SOFIA MODENA

SunGuard® Solar on Clear Float Glass

A colourful selection for contemporary design.

The SunGuard® Solar range consists of solar reflective coated glass products that specialise in blocking heat. The SunGuard® Solar range may be completed by the ClimaGuard® range in providing a choice of solar heat gain and thermal insulation levels allowing you to satisfy all building energy standards.

Increased use of glass in today's architecture makes it essential to consider the comfort of building occupants. Solar control glass can be installed in any situation where solar heat gain is excessive, from conservatories to building facades and conservatories to atriums.

Superb appearance and clarity combined with superior energy efficiency is further enhanced by a wide range of colours, from neutral to gold or bright green, produced on clear glass.

The SunGuard® Solar can also be enameled to be used as matching spandrels as recommended by GUARDIAN. SunGuard® Solar is also a single product that is easily processed. Enquiries should be directed to your GUARDIAN Advanced Architectural Glass representative.

BUILD WITH LIGHT™
KRASNODAR SOFIA SPLIT SAINT PETERSBURG CLERMONT FERRAND VILNIUS SARAJEVO SPLIT

BUDAPEST BERLIN HAMBURG PARIS BRUSSELS MOSCOW STOCKHOLM BUCHAREST LONDON

WARSAW VIENNA BELGRADE ISTANBUL BRESCIA CAGLIARI EDINBURGH BUZIN SOFIA SPLIT

SunGuard® Products are available at several locations situated throughout Europe from GUARDIANs independent network of Processors. Please contact your local GUARDIAN representative for further information.

GUARDIAN Industries U.K. Ltd.
United Kingdom
Phone: 0044 (0) 800 032 6322
e-Mail: uksales@guardian.com

GUARDIAN Luxguard I, S.A.
Luxembourg
Phone: 00 352 50301
e-Mail: sales_bascharage@guardian.com

GUARDIAN Glass España, S.L.
Spain
Phone: 00 34 948 817255
e-Mail: ctecnicas@guardian.com

GUARDIAN Orosháza Kft.
Hungary
Phone: 0036 (0) 68 887 200
e-Mail: oroshaza_sales@guardian.com

GUARDIAN Thalheim GmbH
Germany
Phone: 0049 (0) 3494 361 800
e-Mail: anwendungstechnik@guardian.com

GUARDIAN Czestochowa Sp zo.o.
Poland
Phone: 0048 (0) 34 323 9200
e-Mail: tech_poland@guardian.com

GUARDIAN Steklo Ryazan LLC
Russia
Phone: 007 (8) 4912 956600
e-Mail: gsr_sales@guardian.com

CHAPTER:	Cover
PROJECT:	Petrom Building Office
LOCATION:	Bucharest, Romania
ARCHITECT:	Lauster & Radu architects
PRODUCT NAME:	SG Solar Neutral 67
CHAPTER:	Cover
PROJECT:	Süddeutscher Verlag
LOCATION:	Munich, Germany
ARCHITECT:	GKK+ Architekten
PRODUCT NAME:	SG Solar Neutral 67
CHAPTER:	SunGuard® Solar on Clear Float Glass
PROJECT:	Süddeutscher Verlag
LOCATION:	Munich, Germany
ARCHITECT:	GKK+ Architekten
PRODUCT NAME:	SG Solar Neutral 67
CHAPTER:	Cover
PROJECT:	Tour Madou
LOCATION:	Brussels, Belgium
ARCHITECT:	Assar, Archi 2000
PRODUCT NAME:	SG Solar Neutral 67
CHAPTER:	SunGuard® Solar
PROJECT:	Phoenix
LOCATION:	Brussels, Belgium
ARCHITECT:	M. & J-M. Jaspers-J. Eyers & Partners
PRODUCT NAME:	SG Solar Silver Grey 32
CHAPTER:	SunGuard® Solar on Clear Float Glass
PROJECT:	E8/Parque Tecnologico de Alava
LOCATION:	Miñano, Alava, Spain
ARCHITECT:	Juan Carlos Coll Barreu
PHOTOGRAPHER:	Aleix Bagué
PRODUCT NAME:	SG Solar Light Blue 52

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to EN 410; U-values according to EN 673.

The products in this publication are sold subject to GUARDIAN's standard terms and conditions of sale and any applicable written warranties. It is the responsibility of the purchaser to confirm that the products are suitable for their intended application. Please contact your local GUARDIAN representative to obtain any applicable handling and fabrication guides and for the most current product information.

GUARDIAN
Glass • Automotive • Building Products

www.sunguardglass.com

GUARDIAN Europe
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