



Intelligent glass – ultimate comfort



*“Take a look into our best Premium glass !”*

GUARDIAN INDUSTRIES is a global leader in float glass, fabricated glass, fiberglass insulation and other building materials for commercial, residential, interior and automotive applications. GUARDIAN is headquartered in Europe in Dudelange, Luxembourg. Homeowners find their living spaces more beautiful, comfortable, safe and energy efficient with ClimaGuard residential glass. This growing family of products is designed expressly for residential settings. Windows, skylights, entry doors and garage doors can be tailored to suit specific climates, exceed performance expectations and achieve distinctive style. For more information, visit Guardian.com.

**For more information contact your GUARDIAN's representative:**

[climaguard.europe@guardian.com](mailto:climaguard.europe@guardian.com)

or +352 52 11 11

The performance values shown are nominal and subject to variations due to manufacturing tolerances.

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.



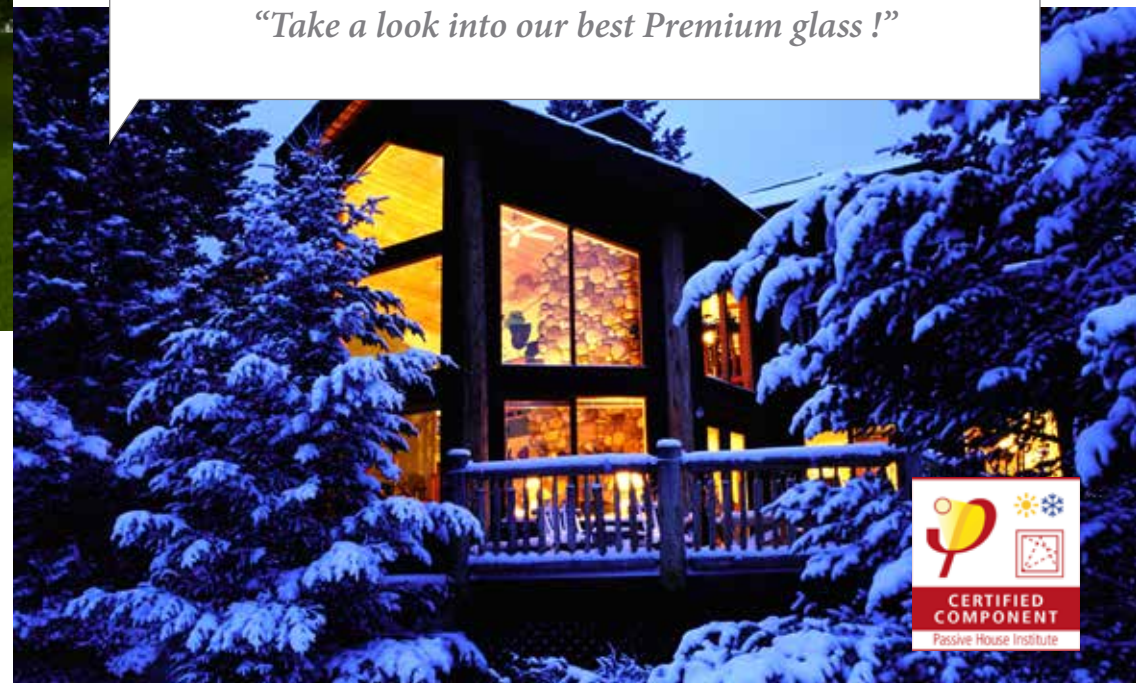
[www.guardian.com](http://www.guardian.com)

©2014 GUARDIAN Industries Corp

GUARDIAN Europe

Reference code: PI / CG Premium2 / GB-EU / 03-14

ClimaGuard® is a registered trade mark of the Guardian Industries Corp.



## ClimaGuard® Premium2



High performance in triple glazing limiting the use of artificial light



Ideal for triple & double glazing in improving logistics management



High solar heat gain suitable for passive housing construction

*“Take a look into our best Premium glass !”*



### High performances in triple glazing

Exceptionally high level of light transmission: 74%



- > higher natural daylight and less unnecessary artificial lighting
- > higher level of transparency without disruptive reflections
- > increases comfort

### Ideal for triple and double glazing

Universal product for both applications



- > less stock
- > improves logistics management on the production line
- > saves time

### High solar heat gain

Suitable for applications in passive housing constructions



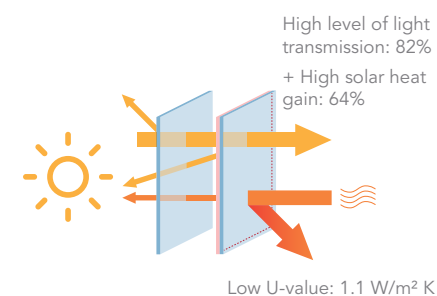
- > optimal thermal insulation:  $U_g = 0.6 \text{ W/m}^2\text{K}$  in triple glazing\*
- > energy saving
- > well-being

### Performance table

IGU*	Coating on glazing surface	Light transmission (%)	Light reflection (%)	Colour rendering index	Solar factor (%)	U-value ( $\text{W/m}^2\text{K}$ )
4-16-4	3	82	12	98	64	1.1
4-14-4-14-4	2+5	74	16	97	53	0.6

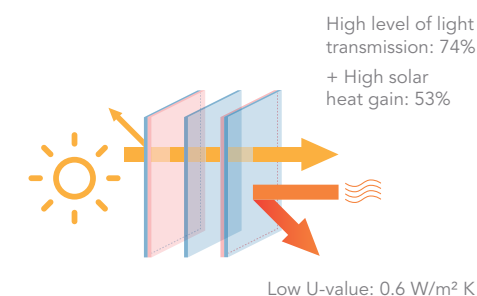
\*Gas filling rate 90% Argon

### Double glazing



Coating Climaguard Premium2 on surface #3

### Triple glazing



Coating Climaguard Premium2 on surface #2+5