

EGLAS

Heating Glass System

NO OTHER RADIATOR GIVES YOU
SUCH A BEAUTIFUL VIEW



BUILDING GLASS



SAINT-GOBAIN

WHAT IF GLASS
WOULD BECOME
A HEATING SYSTEM?

A large orange ribbon graphic with a white border, containing the text 'GOODBYE CONDENSATION & COLD. HELLO COMFORT & WARMTH.'

**GOODBYE
CONDENSATION & COLD.
HELLO COMFORT
& WARMTH.**

We choose glass to connect our space with the world outside. But what if the elements compromise our comfort indoors? It was a problem largely beyond your control, until now. With EGLAS, you can bring the comfort of smart warmth to interior. Now your glazing can replace unsightly bulky radiators freeing up the beauty of uncluttered walls, and floors. At the touch of a switch, you enjoy total control to create a space of absolute comfort by design. Even misting and condensation are a thing of the past.



EGLAS

CLEAR INNOVATION TO FACE WEATHER CHALLENGES IN COMFORT

Unlike conventional glazing which is passive, EGLAS is active, designed to provide heat from transparent glass. It can be used in every region of the world thanks to four functions: main heating, comfort heating, anti-condensation and snow melting. As well as improving thermal comfort inside a building, EGLAS can be used to eliminate misting and condensation.

EGLAS was developed in 1986 in Finland. The working principle of 'warm glass' is based on the application of two factors: electric current, and a layer of metal oxides, applied on one surface of the glass. The result is comfortable warmth indoors with no condensation.

A revolution!



ADVANTAGES

- Anti-condensation
- Snow melting
- Thermal comfort
- Main heating

BENEFITS



Design

Energy-saving

Safety



TECHNICAL BENEFITS

- Any transparent glass surface becomes a radiator
- Connects with the building's thermostat
- Multi-purpose (heating, de-misting, snow melting)
- Easy and fast installation

EGLAS

CREATED TO SOLVE SO MANY PROBLEMS, IT ALSO OPENS UP NEW POSSIBILITIES

Welcome to a new world of inspirational options. EGLAS is a glazing unit which emits electronically controlled radiant heat. It allows you to optimise your space the way you want because it can neatly replace the need for a bulky radiator. Think of it as a new building material with an integrated heating system.

Using EGLAS in glazing units, you can combine its functionality with other products and solutions from the vast array of Saint-Gobain products:

- STADIP,
for safety
- BIOCLEAN,
for self-cleaning
- CONTRAFLAM,
fire resistance
- COOL-LITE,
solar control





With EGLAS your window panes can guarantee comfortable temperatures in any room. And whatever the climate, neither steam nor snow will block your view of the world. The number of days with beautiful, natural light will increase noticeably. Use EGLAS as a heated glass floor. Make an EGLAS partition wall, which will warm up your room. Give your imagination free reign.



EGLAS

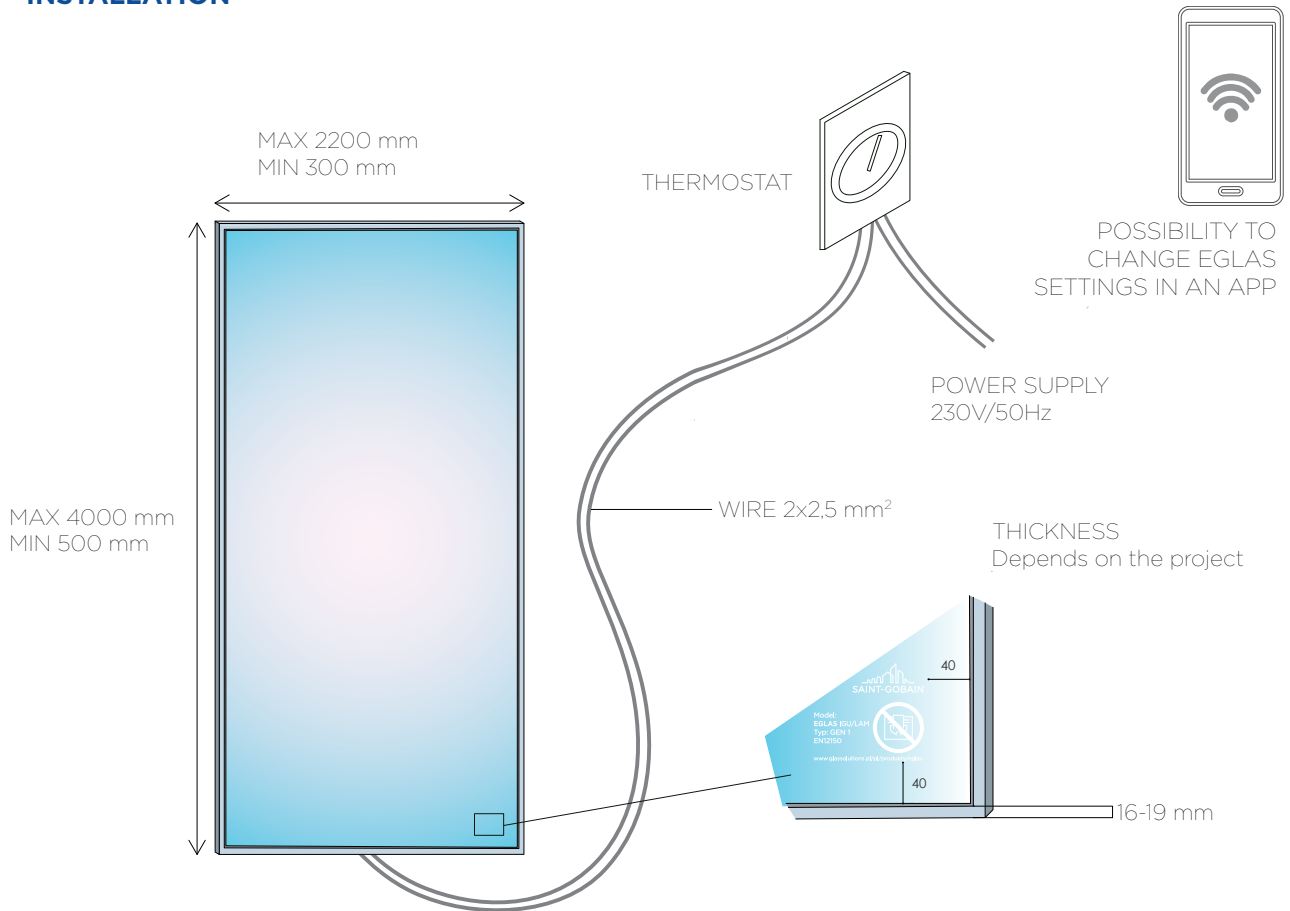
SPECIFICATIONS AT A GLANCE

	GLAZING UNITS WITH EGLAS	LAMINATED GLASS WITH EGLAS
THICKNESS	16 mm - 60 mm	EGLAS 46.4; 12 mm EGLAS 66.4; 14 mm
DIMENSIONS	Maximum dimension: 2200 x 4000 mm* Minimum dimensions: 300 mm x 500 mm	
LIGHT TRANSMISSION	20% - 66%	20% - 70%
CONNECTION VOLTAGE	Standard 230 V AC, optionally transformers	
POWER OF THE ANTI-CONDENSATION FUNCTION	50 - 150 W/m ²	
POWER OF THE THERMAL COMFORT FUNCTION	80 - 250 W/m ²	
POWER OF THE HEATING FUNCTION POWER OF THE SNOW MELTING FUNCTION	100 - 500 W/m ² 350 - 600 W/m ²	
TEMPERATURE OF THE GLASS SURFACE	up to 65°C	
IP RATING	IP34, IP67	
CERTIFICATES AND STANDARDS	<ul style="list-style-type: none"> - EN 1096 - EN 572-8 - EN 1279-5 - EN 12150 - EN 1863 	<ul style="list-style-type: none"> - EN 60335-1 - EN 60335-2-30 - EN 60529 - EN 14449
The list of certificates is available at the manufacturer's headquarters on request.		

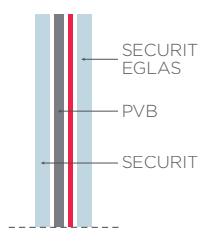
EGLAS

SIMPLE AND FAST INSTALLATION

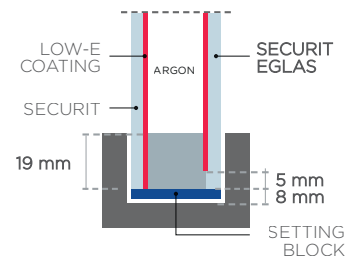
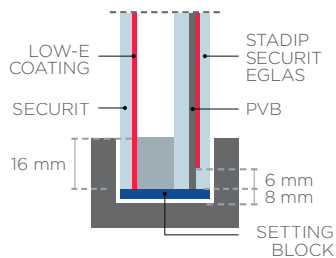
INSTALLATION



TEMPERED AND LAMINATED GLASS



DOUBLE/TRIPLE GLAZED UNIT WITH LAMINATED, OR SINGLE TEMPERED EGLAS



EGLAS

PROVEN EXTREMELY EFFECTIVE EVEN IN EXTREME SITUATIONS

EGLAS delivers the ideal innovative solution for a variety of applications. Wherever you decide it belongs, installation of EGLAS will be quick and without problems. EGLAS is compatible with most types of profiles - PVC, aluminium, wood. It is supplied together with all accessories necessary for its installation, in dimensions and functionalities consistent with your order. Installation of EGLAS Generation II is incredibly easy. All you need to do is plug it into a 230V socket and feel the warmth.

INTERNAL APPLICATIONS

Internal partition walls, doors, glazing, glass floors, fridge doors.



EXTERNAL APPLICATIONS

Windows, winter gardens, conservatories, verandas, skylights, canopies, facades, external glass floors.



**EXAMPLE OF EGLAS
APPLICATION
IN SPECTACULAR
ARCHITECTURAL
PROJECTS**

POLAND

Kościuszko Mound in Kraków

Design: Florek W., Kulka B., architekci.
Biuro architektoniczne s.c.

Glass: EGLAS, COOL-LITE® SKN 165 II



*"My design is more functional.
I can integrate an invisible
heating system in the spaces
I create. I can optimise
the space according to my
customers' wishes."*

- John, architect



*"Installing EGLAS is quick and
problem-free: the glass is supplied
together with all the accessories
you need to fit it."*

- Christopher, installer



*"EGLAS guarantees comfortable
temperatures in my rooms.
The number of days with
beautiful, natural light
increase noticeably, and
I can save money by
optimising my energy
consumption."*

- Paul, building owner



For your next project,
where could you
switch some EGLAS on?

SAINT-GOBAIN BUILDING GLASS

Glassolutions Pruszków
ul. Przejazdowa 22b
05-800 Pruszków
Poland

More on:

www.saint-gobain-building-glass.pl
www.glassolutions.pl

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