

# SGG EKO<sup>®</sup> PRO

HIGH PERFORMANCE LOW-E GLASS  
FOR COMMERCIAL REFRIGERATION



BUILDING GLASS EUROPE

  
SAINT-GOBAIN

# sgg EKO<sup>®</sup> PRO

## THE NEW GENERATION OF SINGLE LOW-E GLASS ACHIEVING OUTSTANDING ENERGY SAVINGS IN COMMERCIAL FREEZERS!

### APPLICATIONS

sgg EKO PRO is an energy efficient glass specially developed for use as single glazing in cover lids of supermarket horizontal freezers and ice cream cabinets.

### DESCRIPTION

sgg EKO PRO is a low-e coated glass range made of a clear float glass on which a thin transparent heat reflective coating has been deposited under a proprietary high end technology.

### PRODUCT RANGE

sgg EKO PRO is available in different versions depending on the exact door application and requirements. In standard, it is available in 6000 x 3210mm size on 4mm thick clear glass. Please contact us for other sizes and thicknesses.

### BENEFITS

When installed as a single glazing in a cover lid of a refrigerated display case, sgg EKO PRO offers a lot of advantages, in comparison with the conventional glass products:

- Upto 25% reduction of energy consumption
- Condensation-free for horizontal freezers under climate class 3 (25°C ; 60%HR)
- Perfect view of the goods through the glass
  - High light transmission
  - Low light reflection
  - Very neutral color reaching to an extreme transparency
- Uniformity of the thermal insulation all over the surface
- EN12150 compliant safety glass once tempered
- Bendable
- Food compatible

### PROCESSING

After cutting and edge working, sgg EKO PRO needs to be tempered in order to achieve the declared performances. Bending has been validated, exact geometrical possibilities being dependent on the type of furnace used. The coating must be faced up during all the process. Please contact us for technical support.

### PERFORMANCES

The performances and quality of the sgg EKO PRO glass products range comply with the EN 1096 standard.

Properties	sgg EKO PRO	Standard
Thickness	4mm	EN 572
Normal emissivity	0.03	EN 12898
Visible Light Transmittance	≥ 82%	EN 410
Visible Light Reflectance	≤ 10%	EN 410
Appearance	Neutral	—

Values for the glass after tempering, provided that it has been tempered according to specific Saint-Gobain instructions.

Note: sgg EKO PRO is dedicated to certain applications in the commercial refrigeration sector. Its use for other applications have not been validated.