

SGG EVERCLEAR®

*The ultimate
energy-free,
insulating
glazing solution
for commercial
freezers*

- Money saver
- Full-time transparent

SGG Everclear
insulated glazing unit

Heated glazed unit



Applications

- SGG EVERCLEAR is exclusively designed for the doors of vertical and combi freezer cabinets.
- Mainly supermarkets, convenience stores and cash & carry stores are equipped with those Low-temperature cabinets.

Advantages

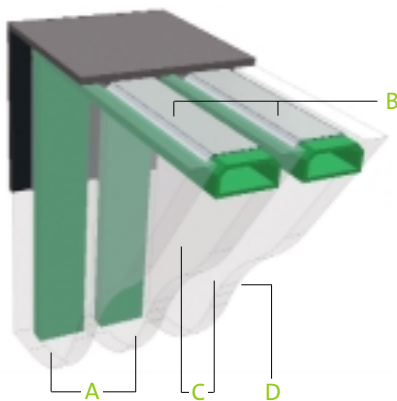
- Up to 2 000 kWh/year/m² are saved.
- From 8 to 15 months is the estimated Return On extra Investment for a door equipped with SGG EVERCLEAR.
- 0.9 ton of CO₂/year/m² (average) is saved, because less electrical consumption leads to cut CO₂ emissions.
- Full-time transparency generates high impulse sales.
- 0 maintenance is required.

Description

SGG EVERCLEAR is an energy-free, full-time transparent, triple-glazed unit which offers an ultimate thermal insulation (Ug-value down to 0.6 W/m².K). Its components combine:

- (A) 2 silver low emissivity SGG PLANITHERM Ultra N glasses to create thermal barriers
- (B) 2 SGG SWISSPACER warm-edge spacer bars to reduce thermal bridging
- (C) Insulating gas (argon or krypton) to maximize SGG EVERCLEAR thermal insulation
- (D) 1 SGG EVERCLEAR anti-frost coating to manage condensation on the freezer-side glass

To avoid injury in case of breakage, the 2 outside glasses are safety tempered



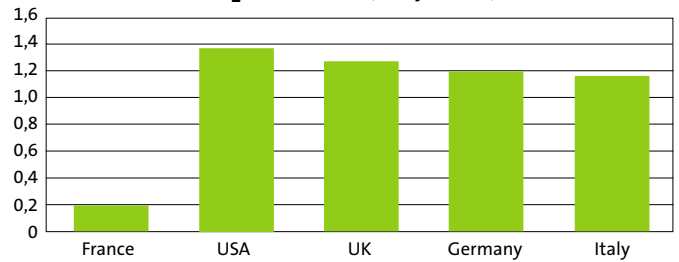
Range

SGG EVERCLEAR	Ug value W/m ² .K	Composition	Thickness mm	ISO 23953 Standard climate classes compliance
Extra	< 0.6	SGG PLANITHERM 4 mm 10 mm krypton SGG PLANITHERM 4 mm 10 mm krypton SGG PLANILUX 3 mm	31	0 - 1 - 2 - 3* 4 - 5 - 6 - 7 - 8
Standard	< 0.9	SGG PLANITHERM 4 mm 10 mm argon SGG PLANITHERM 4 mm 10 mm argon SGG PLANILUX 3 mm	31	0 - 2 - 3* 4 - 5 - 8

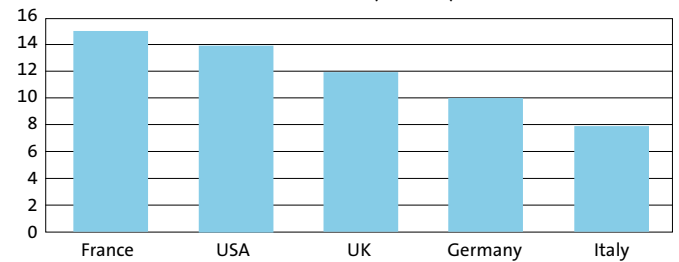
*25°C, 60% Humidity Rate



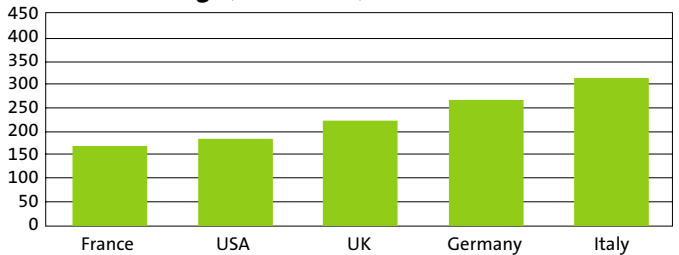
Reduction in CO₂ emissions (ton/year/m²)



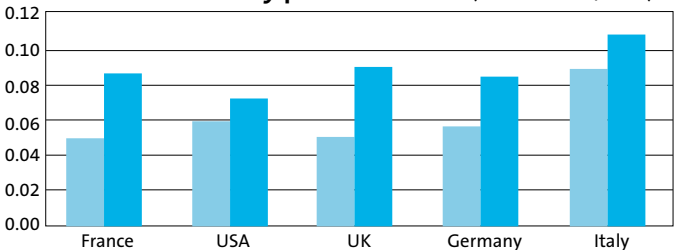
Return on extra investment (months)



Annual savings (€/1.3 m² door)



Industrial electricity prices increases (2001-2006 €/kWh)



B.P. 202
F-02407 CHÂTEAU-THIERRY cedex
Tel. +33.3.23.83.83.00
Fax. +33.3.23.83.65.15
sg.sovis@saint-gobain.com
<http://www.everclear.fr>