

SGG DECORGLASS®

*Traditional Patterned glass*

Technical Sheet  
United Kingdom

# SGG DECORGLASS®

## *Traditional Patterned glass*

### Description

SGG DECORGLASS is a range of clear, body-tinted or wired glasses.  
This translucent glass is obtained by casting and rolling the glass between two cylinders, one of which is embossed with a pattern.

### Applications

SGG DECORGLASS is ideal for creating bright and private spaces.  
SGG DECORGLASS offers an extensive range of designs, colours and textures that are suitable for the decoration of residential or commercial premises:

- Windows
- Shower and bath screens
- Furniture (office furniture, table tops, countertops, shelves)
- Street furniture.

### Advantages

#### ***Appearance***

SGG DECORGLASS subtly transmits and diffuses light, creating interior ambiances for all styles: conventional, modern or contemporary.

#### ***Light and privacy***

SGG DECORGLASS separates areas, whilst providing maximum light and privacy. This helps to:

- Give the feeling of increased space in smaller living areas by diffusing and spreading light
- Create a relaxed and intimate atmosphere by screening direct sight or vision.

#### ***Easy to maintain***

SGG DECORGLASS is easy to keep clean.

## Performance

### *Light transmittance*

SGG DECORGLASS clear: from 80% to 90% depending on the pattern reference and thickness.

SGG DECORGLASS clear wired: approximately 80%.

A large percentage of the light is transmitted by means of diffusion.

### *Translucency*

Each patterned glass reference is categorised by a visual screening coefficient i.e. facilitating the selection of a suitable pattern to achieve the desired level of obscuration.

### *Heat transmittance coefficient*

U-value = 5.7 W/m<sup>2</sup>K

### *Fire resistance*

In certain framing systems, SGG DECORGLASS WIRED provides protection against the spread of fire and smoke. In some countries, this type of glass is used expressly because of its fire resistant properties. (Class E in accordance with standard BS EN 357). These performance levels must be validated by a certificate from SAINT-GOBAIN GLASS.

## Processing Possibilities

Depending on the pattern reference and thicknesses SGG DECORGLASS can be:

- Edgeworked
- Curved
- silvered (SGG MIRALITE CONTRAST) or enamelled (SGG EMALIT CONTRAST)
- Toughened or laminated\* for safety purposes
- Assembled into double-glazed units for thermal insulation
- Incorporated into SGG STADIP SILENCE acoustic PVB safety laminated glass\*

*\* the patterned side must face the outside of the assembly.*

## Fixing Guidelines

SGG DECORGLASS must be installed in accordance with safety standards and current national regulations. For a uniform appearance, adjacent panes should all be cut and glazed in the same pattern direction.

SGG DECORGLASS WIRED must not be installed above a direct source of heat. If the glass is installed in a damp environment or if it is subjected to high levels of atmospheric pollution, the edges of the glass must be treated and sealed to prevent oxidisation.

## Standards and Regulations

Depending on the pattern reference and thicknesses SGG DECORGLASS can be:

- Edgeworked
- Curved
- silvered (SGG MIRALITE CONTRAST) or enamelled (SGG EMALIT CONTRAST)
- Toughened or laminated\* for safety purposes

Range



*SGG ARENA C 016/000*



*SGG BALDOSA GRABADA 011/000*



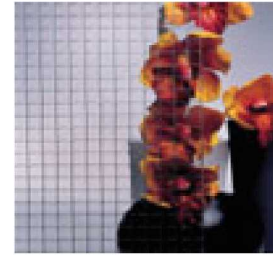
*SGG KATHEDRAL 053/000*



*SGG SILVIT 088/000*



*SGG SR ARENA C 110/000*



*SGG WIRED 1/2 037/000*