

## Golden Faith Traditional patterned glass

### Description

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

### Applications

Golden Faith patterned glass is ideal for creating bright and private spaces. Golden Faith patterned glass offers an extensive range of designs, colors 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***

Golden Faith patterned glass subtly transmits and diffuses light, creating interior ambiances for all styles: conventional, modern or contemporary

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

Golden Faith patterned glass 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***

Golden Faith patterned glass is easy to keep clean.

#### ***Light transmittance***

- ◆ Golden Faith patterned glass clear: from 80% to 90% depending on the pattern reference and thickness.
- ◆ Golden Faith patterned glass clear wired: approximately 80%.
- ◆ A large percentage of the light is transmitted by means of diffusion.

#### ***Translucency***

Each patterned glass reference is categorized 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 =5.7w/m<sup>2</sup>k

### ***Fire resistance***

In certain framing systems Golden Faith wire patterned glass 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 GOLDEN FAITH GLASS.

### ***Processing possibilities***

Depending on the pattern reference and thicknesses can be :

- ◆ Edge worked
- ◆ Curved
- ◆ silvered (Golden Faith Mirror )or enameled (Golden Faith enameled tempered glass )
- ◆ Toughened or laminated \* for safety purposes
- ◆ Assembled into double-glazed units for thermal insulation
- ◆ Incorporated into acoustic PVB safety laminated glass\*
- ◆ The parented side must face the outside of the assembly.

### ***Fixing Guidelines***

Golden Faith patterned glass must be installed in accordance with safety standard and current national regulations .For a uniform appearance, adjacent panes should all be cut and glazed in the same pattern direction.

Golden Faith wire patterned glass 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 odd atmospheric pollution, the edges of the glass must be treated and sealed to prevent oxidization.