

Golden Faith Colour laminated glass

Description

Golden Faith colour laminated glass, comprising at least two sheets of glass bonded together with a coloured polyvinyl Butyral (PVB) interlayer from the Dupont and Saflex Design range. Various transparent or translucent shades can be created by combining different coloured interlayers. The safety performance of Golden Faith Color laminated glass is identical to that of safety glass of the same composition.

Applications

Golden Faith Color Laminated Glass may be used in many applications in residential and non residential buildings (offices,shops, restaurants, hotels, exhibition stands, airports etc.)

- ※ In facades*: double-glazed units, spandrel panels, guarding.
- ※ Interiors: partitions, doorways, light wells and false ceilings, atria, overhead glazing, guarding, stair treads, floor panels, furniture.
- ※ Golden Faith Color Laminated Glass is suitable for external applications. However for colours requiring the yellow films (Golden Light and Sahara Sun), we recommend incorporating an additional clear PVB interlayer to avoid any discoloration due to UV radiation.

Advantages

Numenrous possibilites for coloured glass

Golden Faith Color Laminated Glass is used to create unique colours and effects for each project. Each colour is available either transparent or translucent, opening the door to endless possibilities for interior design.

Colour and safety combined

Golden Faith Color Laminated Glass can be used in any application where the magic of coloured glass is combined with the performance of laminated glass.

Spectrophotometric performance

As for any PVB laminated glass, Golden Faith Color Laminated Glass filters UV radiation and improves the solar control performance of double-glazed units.

Range

Golden Faith Color Laminated Glass is available in a very wide range of transparent or translucent colours .These are produced by combining up to 4 interlayers from 13 basic interlayers

Dimensions

Maximum: 3210×2460mm Minimum: 600×300mm

Compositon Minimum: 6.4mm Maximum: 39.5mm

Porcessed product Variations

The safety performance is identical to that of PVB laminated glass of the same composition. Golden Faith Color Laminated Glass can be processed in the same way as standard PVB laminated glass

Golden Faith Color				
Laminated glass				
Golden Faith Color Laminated Glass		6.4	6.8(2)	8.8
Thickness	mm	6	7	9
Light facor				
LT	%	65	48	47
LRe	%	6	6	5
LRi	%	6	6	5
uv	%	<1	<1	<1
Energy factor				
T	%	57	43	41
Re	%	6	5	5
Ri	%	6	5	5
A	%	38	52	54
Solar factor		0,66	0,56	0,55
Shading Coeddicient SC		0,76	0,65	0,63
U-value		5,7	5,7	5,7

Installation Guidelines

☞ Golden Faith Color Laminated Glass must always be installed in accordance with current national regulations.

Certain coloured interlayers must not be used in exterior applications.please contact GOLDEN FAITH GLASS.

☞ In facades, please contact GOLDEN FAITH GLASS to assess the thermal safety of the application and to determine

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☞ Whether toughened laminated components are required.

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☞ Due to the method of fabrication, there may be slight variations in appearance between face 1 and face 2 of the assembly .Where Golden Faith Color Laminated Glass has a preferred viewing side and glazing orientation it will be indicated by a label on the glass in accordance with the client's specification. For translucent colours, it is strongly recommended that a sample is approved before ordering and eventual glazing .

☞ Golden Faith Color Laminated Glass should always be 4-edge supported in a frame when used as guarding .

☞ The mechanical performance Golden Faith Color Laminated Glass is stable at temperatures between 10°C and 45°C.

☞ Standards and Regulations

☞ Products from the Golden Faith Color Laminated Glass range comply with standards BS EN 12543 and BS EN 14449. They will receive the relevant CE marking when it is officially in force.