

Noval Traditionnal patterned glass

Meeting Your Aesthetics Needs

Description

Noval patterned glass 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

Noval patterned glass is ideal for creating bright and private spaces.

Noval patterned glass 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

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

Light and privacy

Noval 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

Noval patterned glass is easy to keep clean.

Light transmittance

- Noval patterned glass clear: from 80% to 90% depending on the pattern reference and thickness.
- Noval patterned glass 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 = 5.7w/m²k

Fire resistance

In certain framing systems, Noval 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 NOVAL GLASS.

Processing possibilities

Depending on the pattern reference and thicknesses can be :

- Edgeworked
- Curved
- silvered (Noval Mirror) or enamelled (Noval 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 patterned side must face the outside of the assembly.

Fixing Guidelines

Noval patterned glass 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.

Noval 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 of atmospheric pollution, the edges of the glass must be treated and sealed to prevent oxidation.

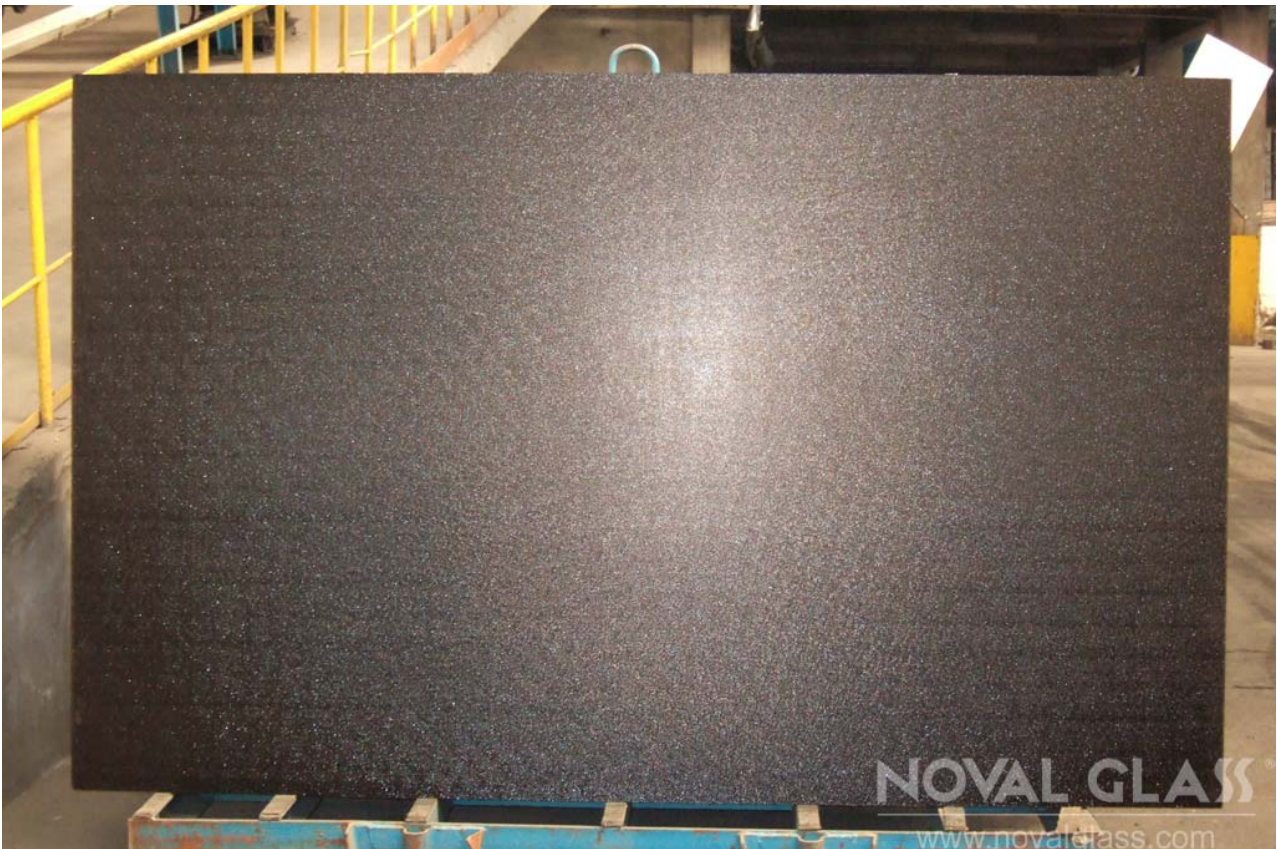
Noval Clear patterned glass production line



Tinted patterned glass production line



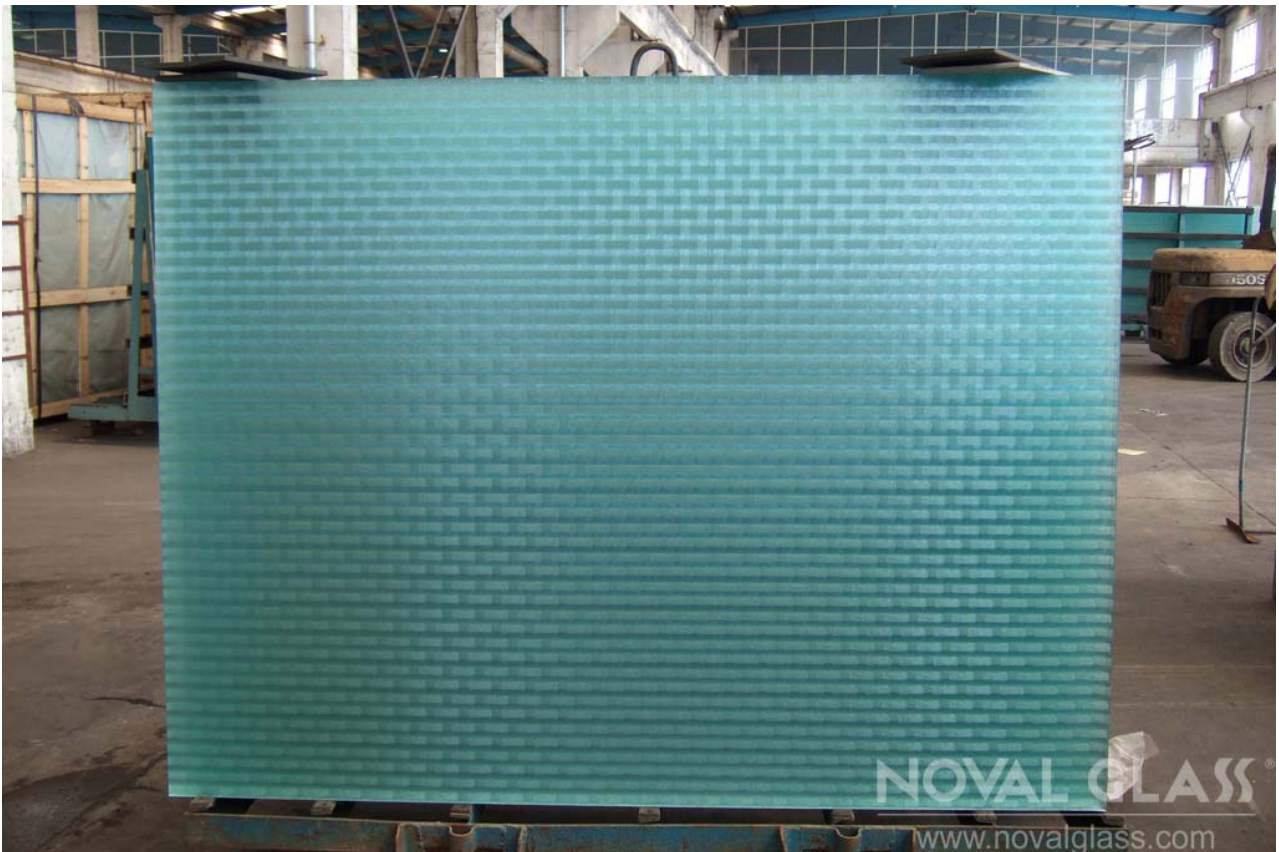
Bronze patterned glass



Grey patterned glass



Clear patterned glass



Ultra clear patterned glass



Ultra clear patterned glass



Inner packing



Outer packing



Stock



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