

# MACOCCO

*Vitrages*



**PANORAMIC**  
BOLTED GLASS ASSEMBLIES



## SINGLE & DOUBLE GLAZED SYSTEMS

Frameless bolted glass systems that can be used to create façades or glass structures with a flush glass appearance.

All glass is toughened and heat soak tested. Laminated glass, double glazed units and digitally printed enamelled glass can be provided.

### Point-fixed glass for Structural glazing systems solutions

- vertical or sloping façades, curtain-walls, double skin systems
- shop windows
- glass roofs, canopies
- glass structures, shelters, urban furniture
- interior design

In any case all-glass structures provide light and lightness



## PANORAMIC BOLTED GLASS



### Processes

Our bolted glass systems solutions have received Technical Approvals from CSTB (Scientific and Technical Centre for the Construction Sector) in Paris. The glazing is attached to the load bearing structure using specially designed stainless steel fittings. Glass panes are silicone sealed.

### Unobtrusive façades offering numerous customized solutions

- A wide range of solutions with clear, low iron, decorative, coloured or enamelled glass allows the designers to tailor the aesthetic and the performances of the façade to their individual requirements
- Panoramic is designed to meet all your expectations and to fit into various surrounding environments.



# PANORAMIC

## BOLTED GLASS

### Panoramic meets the requirements of international specifications

- **EN 12 150** | Thermally Toughened Glass
- **EN 14 149** | Heat Soak Tested Glass
- **EN 1279** | Insulating Glass Units
- **EN 1863** | Enamelled Toughened Glass

### Panoramic Technical Approvals

are delivered by the Scientific and Technical Centre for the Construction Sector, CSTB for:

- single glass toughened or toughened and laminated : Avis Technique n° 6/ 13-2128
- insulating glass units : Avis Technique n° 6/14-2177

### Maximum dimensions

- glass components with 4 fittings : 4000 mm X 2600 mm
- glass components with 6 fittings : 4500 mm X 2480 mm

*For more detailed information, to see our Technical Approvals  
and our projects:*

**[www.macocco.com/en/bolted-or-point-fixed.html](http://www.macocco.com/en/bolted-or-point-fixed.html)**

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