

Technical Data Sheet

EURO|WIRE

Wired Glass – 6mm

Description

Wired glass, also known as safety wired glass, is a 6 mm thick monolithic glazing reinforced with a steel wire mesh. It is certified according to **UL9, UL10B, and UL10C standards**, ensuring its performance as a fire-rated glazing.

Features and Performance

- Certified fire-rated glazing – Delays the spread of flames and smoke.
- Integrated wire mesh – Provides a temporary barrier against fire.
- Fire resistance duration – Dependent on installation conditions and applicable UL standards.
- Versatile installation – Suitable for glazed doors, windows, transoms, and fixed partitions requiring fire protection.
- Interior and exterior use – Designed for commercial, industrial, and institutional buildings.

Applications and Compatibility

- Can be installed in UL-certified steel and aluminum frames.
- Suitable for small to medium-sized glazed openings, in accordance with UL recommendations.
- Not recommended for exterior facades subject to high thermal shock.
- Incompatible with insulating glass units (double or triple glazing) due to the presence of the wire mesh.

Important Note

While this fire-rated glass slows the spread of flames and smoke, it does not block radiant heat. For advanced thermal protection, we recommend the FireLite product line by TGP. Contact Euroverre for more information.

Certification and Compliance

Wired glass is UL-C certified as fire-rated (file KCMZ7.R8157) and meets flame and smoke resistance requirements. Installation must follow UL-C guidelines and the manufacturer's specifications.

Precautions and Responsibilities

Architects and building code consultants must:

- Ensure wired glass complies with local Building Code requirements.
- Verify its integration meets current fire safety standards.
- Consider the mechanical and thermal properties of the glass based on the installation environment.