

SEE WHAT
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GGI

GGI-PyroFrames™

Features & Benefits

- Narrow profile, roll-formed steel framing manufactured for 45 to 120 minute fire rating applications with hose stream
- Designated on drawings and in specifications as GGI-PyroFrames™
- Tested in accordance with UL 263, ASTM E119, and NFPA 251 as a transparent wall assembly with Pyrobel glazing
- Available with narrow stile GGI-PyroDoors™
- Internal and external surface protection provided by Sendzimir galvanizing for maximum durability in combination with painted finishes
- Multiple profile options available, including stainless steel
- Fully weeped system with glazing gaskets
- Shear block construction can be supplied in KD bar lengths or fully fabricated



General Characteristics

Profile materials:

- Mild steel to ST37-2 quality according to DIN 17100. (Equivalent to S235 JRG2 according to EN10025)
- Stainless steel to 1.4301 & 1.4404 quality according to DIN 17100. (Equivalent to 304 & 316L to AISI standards)
- Sendzimir galvanising of interior and exterior of profiles to 275g/m² according to EN10142.

Cap materials:

- Aluminium alloy to eloxadisable ALMgSi0.5 according to DIN 1747 and DIN 17615. (Equivalent to 6063-T6 to BSEN573-3)

For more information, please contact marketing@generalglass.com.

System fasteners:

-Zinc coated 1.4301 stainless steel according to DIN EN17440. (Equivalent to 304 quality to AISI standards)

System gaskets:

-Non cellular elastomer compound to DIN EN7863. (Equivalent to BS3734)

Performance classifications according to EN13830 : 2003:

-Water Intrusion Resistance 1650 Pa / Air Permeability >600 Pa / Sound Insulation up to 47 dB

Product Guidelines

LISTINGS

Testing completed by Intertek/ Warnock-Hersey

LABELING

All products are labeled bearing the manufacturers name, testing laboratory, rating and safety standards.

INSTALLATION

GGI-PyroFrames™ have been tested in combination with Pyrobel fire-resistive glazing and require ¼" x 3" calcium silicate setting blocks at quarter points. Refer to shop drawing setting conditions for final installation requirements.

STORAGE AND HANDLING

Store in a dry, ventilated location, not exposed to solar radiation at temperatures not to exceed -20°F or 120°F. Always maintain in original packaging until ready for use.

QUALITY STANDARD

Sendzimir galvanizing process uses a small amount of aluminum in the zinc bath and produces a coating with essentially no iron-zinc alloy. The process guarantees high resistance to oxidation and increased durability versus hot-dipped and electro-galvanizing processes.

GUARANTEE

The manufacturer guarantees the characteristics of GGI-PyroFrames™ for a period of 5 years from date of delivery.

This guarantee is for replacement only. Any other costs associated with the removal or replacement of defective parts or units is not the responsibility of the manufacturer. The guarantee shall apply only to materials transported, stored and installed in accordance with recommended procedures.