

Introducing Pilkington **Pyroshield™** Plus - proven fire protection with greater impact safety.



Advance information on the latest
fire-resistant glass from Pilkington.

Pyroshield™ wired glass products from Pilkington are reliable, cost-effective glazing materials for fire-rated openings. Now, with the addition of Pilkington **Pyroshield™** Plus, the range offers the excellent fire protection you've come to expect, together with higher levels of impact performance to meet CPSC impact safety standards, and the latest building codes.

With two options to choose from (*Diamond Clear* and *Georgian Clear*), Pilkington **Pyroshield™** Plus offers benefits and solutions for new construction and renovation that will satisfy design needs as well as code requirements.

Pilkington **Pyroshield™** is accepted by fire authorities and major building codes worldwide. However, the true test of a product is how it performs in a crisis. Through extensive real fire experience, the Pilkington **Pyroshield™** range has a proven ability to provide a fire barrier in the most demanding circumstances.

Pilkington **Pyroshield™** Plus



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Pilkington Pyroshield™ Plus

Preliminary performance data for Pilkington Pyroshield™ Plus

Stock Size	1985 x 1250mm (78" x 49" approx)
Nominal Thickness	10.5mm (7/16" approx)
Light Transmittance	77%
Fire Performance	45 minutes + hose stream tested in accordance with NFPA 257 ⁽¹⁾
Impact Performance	CPSC 16CFR1201; Category 1 ⁽²⁾ ANSI Z97.1-1984; 18" drop height ⁽²⁾
Mesh Details	Pilkington Pyroshield™ Plus Diamond Clear – 18mm (3/4") Pilkington Pyroshield™ Plus Georgian Clear – 13mm (1/2")

⁽¹⁾ Omega Point Laboratories, Texas, May 2003. Hollow steel frame with 5/8" upstand using Fireglaze FG3000 intumescent compound glass dimensions 810mm x 810mm (32" x 32")

⁽²⁾ Provisional testing undertaken in the UK. Official testing in the USA currently being undertaken

Benefits

- Fire-rated for up to 45 minutes including hose stream
- Restricts spread of flame, smoke and hot gases
- Maintains integrity even when fractured or sprayed with water
- The most cost-effective 45-minute fire-rated glass on the market with CPSC safety protection
- Proven track record of Pilkington Pyroshield™ in the most demanding circumstances
- Accepted by fire authorities and major building codes worldwide
- Classified as safety glazing material in the U.S.
- Readily available from stock and can be cut to size
- Simple to install correctly

Aesthetic options

Two distinctive wire mesh patterns are currently available in Pilkington Pyroshield™ Plus in North America: Diamond Clear and Georgian Clear. Both offer optimum transparency for distortion-free vision, so their light transmission characteristics are therefore comparable to those of clear float glass.

Cost effective

Pilkington Pyroshield™ is already the most cost-effective fire-rated glass on the market, with an impressive pedigree and performance. And even with its additional impact protection, Pilkington Pyroshield™ Plus still represents excellent value.



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