



FIRE-RATED



HOSE STREAM TESTED



IMPACT-RATED



HEAT BARRIER



POSITIVE PRESSURE TESTED



FIRE-RATED, SAFETY-RATED GLASS FIRE WALLS

Pilkington Pyrostop® is a fire-rated and impact safety-rated glazing material. Pilkington Pyrostop also blocks radiant heat, protecting people and valuables on the non-fire side of the glass where radiant heat transfer might be a concern. It is listed for use in doors, sidelites, transoms, borrowed lites and wall applications with a fire rating of up to 2 hours.

FEATURES

- Protection against radiant and conductive heat transfer
- Barrier to fire and smoke
- Fire-rated for up to 2 hours with required hose stream test
- Impact safety-rated – meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and/or II)
- Wireless with nearly the same clarity as ordinary float glass
- For use in interior and/or exterior applications
- May be lightly sandblasted or etched on one side without affecting fire rating
- Available in insulated units with other glass products including (but not limited to):
 - Tinted
 - Low-E
 - Art Glass
 - Reflective
 - One-way Mirror
 - Security Glass
- Fits in Fireframes® Heat Barrier Series and Fireframes® Curtainwall Series from TGP
- Available with bullet resistance to UL Level III
- Multi-laminate, not a sensitive polymer gel unit
- Pilkington Pyrostop can be combined with Vision Control® integrated cord-free louvers in a UL-tested fire protection-rated glazing system available directly from Unicef Architectural

Pilkington Pyrostop sales are a cooperative effort between Technical Glass Products and Pilkington North America.

LISTINGS

Listed with Underwriters Laboratories, Inc.® File numbers are R16644 (doors and windows) and R16132 (walls). Tests performed in accordance with ASTM E-119, ASTM E2074, ASTM E2010, UL 263, UL 9, UL 10B, UL 10C, CSFM 43.7, NFPA 80, NFPA 251, NFPA 252, NFPA 257, UBC 43.2, UBC 43.4, UBC 7-2, UBC 7-4, CAN4 S-104, CAN4 S-106. Approved for use in New York City: MEA 241-00-M. Approved for use in Los Angeles: LARR 25798.

LABELING

Each piece of Pilkington Pyrostop shall be permanently labeled with the Pilkington Pyrostop logo, UL logo and fire rating.

STORAGE & HANDLING

Pilkington Pyrostop must be handled with care during transportation, storage, inspection and installation. It should be stored in dry conditions, stocked vertically and fully supported in a manner which prevents the glass from sagging. During storage and transportation, the temperature of Pilkington Pyrostop should not exceed 122°F. Do not expose the "non-PVB" side of the glass to UV light. Do not remove the protective edge tape. See manufacturer's installation and warranty information for further details.

FAMILY OF PRODUCTS

TGP offers a complete family of products for all your fire-rated glazing needs, ranging from 20 minute to 3 hour applications. More information is available online at fireglass.com, or by calling **800.426.0279**.

| INTERIOR USE | | | | | | | | | | | |
|---------------|----------------------------|----------------|------------------------|--|---------|-----------------------------|-------------------------|------------------|--------------------------------------|------------------------------------|-------------------------------------|
| FIRE RATING | MANUFACTURER'S DESIGNATION | SUPPLY FORM | NOMINAL THICKNESS (in) | WEIGHT APPROX. (lb / ft ²) | U-VALUE | DAYLIGHT TRANS. APPROX. (%) | STC RATING APPROX. (dB) | ASSEMBLY | MAX. EXPOSED AREA (in ²) | MAX. WIDTH OF EXPOSED GLAZING (in) | MAX. HEIGHT OF EXPOSED GLAZING (in) |
| 45 min. | 45-200 | Single Glazing | 3/4 (19 mm) | 9.2 | .86 | 86 | 40 | OTHER THAN DOORS | 4,500 3,724 | 95-1/4 41-5/8 | 95-1/4 89-3/4 |
| 60 min. | 60-101 | Single Glazing | 7/8 (23 mm) | 11.3 | .83 | 87 | 41 | OTHER THAN DOORS | 5,605 3,724 | 96 41-5/8 | 96 89-3/4 |
| 90 min.-2 hrs | 120-202 | Single Glazing | 1-9/16 (40 mm) | 19.5 | .72 | 85 | 46 | OTHER THAN DOORS | 3,724 | 111 | 111 |
| 90 min. | 90-102 | Single Glazing | 1-7/16 (37 mm) | 17.6 | .74 | 84 | 45 | DOOR | 3,724 | 41-5/8 | 89-3/4 |
| 2 hours | 120-104 | I.G. Units | 2-1/8 (54 mm) | 21.7 | .44 | 74 | 46 | OTHER THAN DOORS | 3,724 | 111 | 111 |

| EXTERIOR USE | | | | | | | | | | | |
|---------------|----------------------------|----------------|--------------------------------|--|---------|-----------------------------|-------------------------|------------------|--------------------------------------|------------------------------------|-------------------------------------|
| FIRE RATING | MANUFACTURER'S DESIGNATION | SUPPLY FORM | NOMINAL THICKNESS (in) | WEIGHT APPROX. (lb / ft ²) | U-VALUE | DAYLIGHT TRANS. APPROX. (%) | STC RATING APPROX. (dB) | ASSEMBLY | MAX. EXPOSED AREA (in ²) | MAX. WIDTH OF EXPOSED GLAZING (in) | MAX. HEIGHT OF EXPOSED GLAZING (in) |
| 45 min. | 45-200 | Single Glazing | 3/4 (19 mm) | 9.2 | .86 | 84 | 40 | OTHER THAN DOORS | 4,500 3,724 | 95-1/4 41-5/8 | 95-1/4 89-3/4 |
| 45 min. | 45-260 | I.G. Units | 1-5/16 (33 mm) | 12.5 | .49 | 77 | 40 | OTHER THAN DOORS | 4,500 3,724 | 95-1/4 41-5/8 | 95-1/4 89-3/4 |
| 45 min. | 45-360* | I.G. Units | 1-5/16 (33 mm) | 12.5 | .37-.39 | 59-71 | 40 | OTHER THAN DOORS | 4,500 3,724 | 95-1/4 41-5/8 | 95-1/4 89-3/4 |
| 60 min. | 60-201 | Single Glazing | 1-1/16 (27 mm) | 12.5 | .83 | 86 | 44 | OTHER THAN DOORS | 5,605 3,724 | 96 41-5/8 | 96 89-3/4 |
| 60 min. | 60-261 | I.G. Units | 1-5/8 (41 mm) | 15.8 | .48 | 77 | 44 | OTHER THAN DOORS | 5,605 3,724 | 96 41-5/8 | 96 89-3/4 |
| 60 min. | 60-361* | I.G. Units | 1-5/8 (41 mm) | 15.8 | .37-.39 | 59-70 | 44 | OTHER THAN DOORS | 5,605 3,724 | 96 41-5/8 | 96 89-3/4 |
| 90 min.-2 hrs | 120-202 | Single Glazing | 1-9/16 (40 mm) | 19.5 | .72 | 85 | 46 | OTHER THAN DOORS | 3,724 | 111 | 111 |
| 90 min.-2 hrs | 120-262 | I.G. Units | 2-1/8 (54 mm) or 2-3/8 (60 mm) | 22.1 | .44 | 74 | 46 | OTHER THAN DOORS | 3,724 | 111 | 111 |
| 90 min.-2 hrs | 120-362* | I.G. Units | 2-1/8 (54 mm) or 2-3/8 (60 mm) | 22.1 | .35 | 33-68 | 46 | OTHER THAN DOORS | 3,724 | 111 | 111 |

*Performance values vary for exterior I.G. units based upon the coating on surface #2. Coatings available are Eclipse Advantage Clear, Solar-E™, Solar Control Low-E and Energy Advantage Low-E.

FOR APPROVED FRAMING SYSTEMS FOR USE WITH PILKINGTON PYROSTOP, VISIT FIREGLASS.COM OR CALL 800.426.0279.