



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 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.	45-250	I.G. Units	1-5/16 (33 mm)	12.5	.49	77	40	OTHER THAN DOORS	4,500 3,724	96 41-5/8	96 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	96 41-5/8	96 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.	60-251	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.