



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)
- Comprised of layers of Pilkington Optiwhite™ nearly colorless, wireless, low-iron float glass and clear intumescent interlayers
- Multi-laminate, not a sensitive polymer gel unit
- For use in interior and/or exterior applications
- Most configurations are available with a translucent interlayer for added obscurity and privacy
- May be lightly sandblasted or etched by others 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 most Fireframes® frame and door systems by TGP
- Available with bullet resistance to UL Level III
- Pilkington Pyrostop can be combined with Vision Control® integrated cord-free louvers in a UL-tested fire protection-rated glazing system available directly from Unicec Architectural

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

LISTINGS

Classified and labeled by Underwriters Laboratories, Inc.® File numbers are R13377 (doors and windows) and R38725 (walls). Tests performed in accordance with ASTM E-119, CAN/ULC-S101, UL 263, UL 9, UL 10B, UL 10C, CSFM 43.7, NFPA 80, NFPA 251, NFPA 252, NFPA 257, 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 (50°C). 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**.

Pilkington Pyrostop® **PRODUCT DATA**

INTERIOR USE	FIRE RATING	MANUFACTURER'S DESIGNATION	SUPPLY FORM	NOMINAL THICKNESS	WEIGHT APPROX.	U-VALUE	DAYLIGHT TRANS. APPROX. (%)	STC RATING APPROX. (dB)	ASSEMBLY	MAX. EXPOSED AREA	MAX. WIDTH OF EXPOSED GLAZING OR	MAX. HEIGHT OF EXPOSED GLAZING
	45 min.	45-200	Single Glazing	3/4" (19 mm)	9.22 lb / ft ² (45.00 kg / m ²)	.86	86	40	OTHER THAN DOORS DOOR	4,500 in ² (2.90 m ²) 3,724 in ² (2.40 m ²)	95-1/4" (2.42 m) 41-5/8" (1.06 m)	95-1/4" (2.42 m) 89-3/4" (2.28 m)
	60 min.	60-101	Single Glazing	7/8" (23 mm)	10.86 lb / ft ² (53.00 kg / m ²)	.83	87	41	OTHER THAN DOORS DOOR	5,616 in ² (3.62 m ²) 3,724 in ² (2.40 m ²)	96" (2.44 m) 41-5/8" (1.06 m)	96" (2.44 m) 89-3/4" (2.28 m)
	60 min.	60-201	Single Glazing	1-1/16" (27 mm)	12.90 lb / ft ² (63.00 kg / m ²)	.83	86	44	OTHER THAN DOORS DOOR	7,442 in ² (4.80 m ²) 3,724 in ² (2.40 m ²)	96" (2.44 m) 41-5/8" (1.06 m)	118-1/8" (3.00 m) 89-3/4" (2.28 m)
	90 min.	90-102	Single Glazing	1-7/16" (37 mm)	17.61 lb / ft ² (86.00 kg / m ²)	.74	84	45	OTHER THAN DOORS DOOR	3,724 in ² (2.40 m ²) 3,724 in ² (2.40 m ²)	96" (2.44 m) 41-5/8" (1.06 m)	96" (2.44 m) 89-3/4" (2.28 m)
	2 hours	120-104	I.G. Units	2-1/8" (54 mm) (with 8 mm spacer, or 2-3/8" (60 mm) with 14 mm spacer)	21.71 lb / ft ² (106.00 kg / m ²)	.44	75	46	OTHER THAN DOORS	3,730 in ² (2.41 m ²)	111" (2.81 m)	111" (2.81 m)
	2 hours	120-106	I.G. Units	2-1/4" (57 mm)	22.94 lb / ft ² (112.00 kg / m ²)	.42	75	46	OTHER THAN DOORS	3,730 in ² (2.41 m ²)	111" (2.81 m)	111" (2.81 m)
	2 hours	120-401	I.G. Units	2-13/16" (72 mm)	30.72 lb / ft ² (150.00 kg / m ²)	.46	73	45	FIREFRAMES CLEARFLOOR® SYSTEM	2,372 in ² (1.53 m ²)	47-1/4" (1.20 m)	50-3/8" (1.28 m)

EXTERIOR USE	FIRE RATING	MANUFACTURER'S DESIGNATION	SUPPLY FORM	NOMINAL THICKNESS	WEIGHT APPROX.	U-VALUE	DAYLIGHT TRANS. APPROX. (%)	STC RATING APPROX. (dB)	ASSEMBLY	MAX. EXPOSED AREA	MAX. WIDTH OF EXPOSED GLAZING OR	MAX. HEIGHT OF EXPOSED GLAZING
	45 min.	45-200	Single Glazing	3/4" (19 mm)	9.22 lb / ft ² (45.00 kg / m ²)	.86	86	40	OTHER THAN DOORS DOOR	4,500 in ² (2.90 m ²) 3,724 in ² (2.40 m ²)	95-1/4" (2.42 m) 41-5/8" (1.06 m)	95-1/4" (2.42 m) 89-3/4" (2.28 m)
	45 min.	45-260	I.G. Units	1-5/16" (33 mm)	12.29 lb / ft ² (60.00 kg / m ²)	.49	77	40	OTHER THAN DOORS DOOR	4,500 in ² (2.90 m ²) 3,724 in ² (2.40 m ²)	95-1/4" (2.42 m) 41-5/8" (1.06 m)	95-1/4" (2.42 m) 89-3/4" (2.28 m)
	45 min.	45-360*	I.G. Units	1-5/16" (33 mm)	12.29 lb / ft ² (60.00 kg / m ²)	.37-.39	59-71	40	OTHER THAN DOORS DOOR	4,500 in ² (2.90 m ²) 3,724 in ² (2.40 m ²)	95-1/4" (2.42 m) 41-5/8" (1.06 m)	95-1/4" (2.42 m) 89-3/4" (2.28 m)
	60 min.	60-201	Single Glazing	1-1/16" (27 mm)	12.90 lb / ft ² (63.00 kg / m ²)	.83	86	44	OTHER THAN DOORS DOOR	7,442 in ² (4.80 m ²) 3,724 in ² (2.40 m ²)	96" (2.44 m) 41-5/8" (1.06 m)	118-1/8" (3.00 m) 89-3/4" (2.28 m)
	60 min.	60-261	I.G. Units	1-5/8" (41 mm)	15.98 lb / ft ² (78.00 kg / m ²)	.48	77	44	OTHER THAN DOORS DOOR	7,442 in ² (4.80 m ²) 3,724 in ² (2.40 m ²)	96" (2.44 m) 41-5/8" (1.06 m)	118-1/8" (3.00 m) 89-3/4" (2.28 m)
	60 min.	60-361*	I.G. Units	1-5/8" (41 mm)	15.98 lb / ft ² (78.00 kg / m ²)	.37-.39	59-70	44	OTHER THAN DOORS DOOR	7,442 in ² (4.80 m ²) 3,724 in ² (2.40 m ²)	96" (2.44 m) 41-5/8" (1.06 m)	118-1/8" (3.00 m) 89-3/4" (2.28 m)
	90 min.- 2 hrs	120-202	Single Glazing	1-9/16" (40 mm)	18.64 lb / ft ² (91.00 kg / m ²)	.72	86	46	DOOR	3,724 in ² (2.40 m ²)	41-5/8" (1.06 m)	89-3/4" (2.28 m)
	90 min.- 2 hrs	120-262	I.G. Units	2-3/8" (60 mm) (with 14 mm spacer, or 2-1/8" (54 mm) with 8 mm spacer)	21.71 lb / ft ² (106.00 kg / m ²)	.44	74	46	OTHER THAN DOORS	3,730 in ² (2.41 m ²)	111" (2.81 m)	111" (2.81 m)
	90 min.- 2 hrs	120-362*	I.G. Units	2-3/8" (60 mm) (with 14 mm spacer, or 2-1/8" (54 mm) with 8 mm spacer)	21.71 lb / ft ² (106.00 kg / m ²)	.35	33-68	46	OTHER THAN DOORS	3,730 in ² (2.41 m ²)	111" (2.81 m)	111" (2.81 m)

*Performance values vary for exterior I.G. units based on coating and configuration. Some of the available Pilkington hard coatings include Eclipse Advantage, Solar-E™ Solar Control Low-E and Energy Advantage Low-E. Contact TGP for availability and integration of high performance hard and soft coated products.

WHEN PROVIDED PROJECT-SPECIFIC CRITERIA (SUCH AS WIND LOAD, SEISMIC MOVEMENT, STRUCTURAL, AIR/WATER RESISTANCE, ETC.), TGP CAN VERIFY THE INTENDED FENESTRATION CONFIGURATION (GLASS AND FRAMING) WILL PERFORM TO MEET THOSE REQUIREMENTS. FOR APPROVED FRAMING SYSTEMS FOR USE WITH PILKINGTON PYROSTOP, VISIT FIREGLASS.COM OR CALL 800.426.0279.