



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 Unice! 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, CAN/ULC-S101, 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.

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 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. (kg / m ²)	U-VALUE	DAYLIGHT TRANS. APPROX. (%)	STC RATING APPROX. (dB)	ASSEMBLY	MAX. EXPOSED AREA (m ²)	MAX. WIDTH OF EXPOSED GLAZING (m)	MAX. HEIGHT OF EXPOSED GLAZING (m)
45 min.	45-200	Single Glazing	19 mm	44.9	.86	86	40	OTHER THAN DOORS DOOR	2.90 2.40	2.42 1.06	2.42 2.28
60 min.	60-101	Single Glazing	23 mm	55.2	.83	87	41	OTHER THAN DOORS DOOR	3.61 2.40	2.43 1.06	2.43 2.28
90 min.	90-102	Single Glazing	37 mm	85.9	.74	84	45	DOOR	2.40	1.06	2.28
2 hours	120-104	I.G. Units	54 mm	105.9	.44	74	46	OTHER THAN DOORS	2.40	2.81	2.81

EXTERIOR USE**											
FIRE RATING	MANUFACTURER'S DESIGNATION	SUPPLY FORM	NOMINAL THICKNESS	WEIGHT APPROX. (kg / m ²)	U-VALUE	DAYLIGHT TRANS. APPROX. (%)	STC RATING APPROX. (dB)	ASSEMBLY	MAX. EXPOSED AREA (m ²)	MAX. WIDTH OF EXPOSED GLAZING (m)	MAX. HEIGHT OF EXPOSED GLAZING (m)
45 min.	45-200	Single Glazing	19 mm	44.9	.86	84	40	OTHER THAN DOORS DOOR	2.90 2.40	2.42 1.06	2.42 2.28
45 min.	45-280	I.G. Units	33 mm	61.0	.49	77	40	OTHER THAN DOORS DOOR	2.90 2.40	2.42 1.06	2.42 2.28
45 min.	45-360*	I.G. Units	33 mm	61.0	.37-.39	59-71	40	OTHER THAN DOORS DOOR	2.90 2.40	2.42 1.06	2.42 2.28
60 min.	60-201	Single Glazing	27 mm	61.0	.83	86	44	OTHER THAN DOORS DOOR	3.61 2.40	2.42 1.06	2.43 2.28
60 min.	60-261	I.G. Units	41 mm	77.1	.48	77	44	OTHER THAN DOORS DOOR	3.61 2.40	2.42 1.06	2.43 2.28
60 min.	60-361*	I.G. Units	41 mm	77.1	.37-.39	59-70	44	OTHER THAN DOORS DOOR	3.61 2.40	2.42 1.06	2.43 2.28
90 min.-2 hrs	120-202	Single Glazing	40 mm	95.2	.72	85	46	OTHER THAN DOORS DOOR	2.40 2.40	2.81 1.06	2.81 2.82
90 min.-2 hrs	120-262	I.G. Units	54 mm or 60 mm	107.9	.44	74	46	OTHER THAN DOORS	2.40	2.81	2.81
90 min.-2 hrs	120-362*	I.G. Units	54 mm or 60 mm	107.9	.35	33-68	46	OTHER THAN DOORS	2.40	2.81	2.81

*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.
 **This product can not be used for exterior applications in the Middle East.

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