

Fire-Rated and Bullet-Resistant-Rated Transparent Wall Panel Fire-Rating: Up to 120 Minutes

Pilkington Pyrostop® BR is fire rated for up to 120 minutes and offers a Level III bullet resistance rating. It can be combined with other glazing products to achieve nearly any level of security.

FEATURES

- Fire-rated for up to 120 minutes with required hose stream test
- Bullet resistance ratings up to UL Level III (up to Level VIII available in different make-ups)
- Protection against radiant and conductive heat transfer
- Impact safety-rated—meets ANSI Z97.1 and CPSC 16 CFR1201 (Cat. I and II)
- May be lightly sandblasted or etched on one side without affecting fire rating
- Withstands thermal shock
- For use in interior and exterior applications
- 5-year limited warranty
- Large sizes available
- Available in insulated units with other glass products, including (but not limited to): Tinted; One-Way Mirror; Low-E; Reflective; Art Glass; Translucent Interlayer (for added obscurity and privacy)
- Fits in Fireframes® Heat Barrier Series by TGP
- Available for use in compliant frames by others (see frame manufacturer for details)
- Multi-laminate, not a sensitive polymer unit
- Comprised of Pilkington Optiwhite™ nearly colorless, wireless, low-iron float glass and clear intumescent interlayers

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

LISTINGS/STANDARDS

Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377 (45 minutes) and R38725 (60-120 minutes). Tests performed in accordance with:

UL 9	NFPA 80	CAN4 S-104	ASTM E119	MEA 241-00-M
UL 10B	NFPA 251	CAN4 S-106		LARR 25798
UL 10C	NFPA 252	CAN/ULC-S101		
UL 263	NFPA 257			
UL 752				

LABELING

Each piece of Pilkington Pyrostop BR shall be permanently labeled with the Pilkington Pyrostop BR 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.



BIM 3D Model Available



UL Classified & Labeled



Fire-Rated



Hose Stream Tested



Impact-Rated



Heat Barrier



Positive Pressure Tested



Bullet Resistant

UL-752 BULLET RESISTANCE RATING	FIRE RATING	MANUFACTURER'S DESIGNATION	SUPPLY FORM	NOMINAL THICKNESS	WEIGHT APPROX.	U-VALUE	DAYLIGHT TRANS. APPROX. (dB)	STC RATING APPROX. (dB)	ASSEMBLY	MAX. EXPOSED AREA	MAX. WIDTH OF EXPOSED GLAZING	OR	MAX. HEIGHT OF EXPOSED GLAZING
Level I	60 min.	60-201 (with film*)	Single Glazing	1-1/16" (27 mm)	12.90 lbs/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)
Level II	120 min.	120-201*	I.G. Units	2-7/16" (62 mm)	25.81 lbs/ft ² (126.00 kg/m ²)	.44	76	46	OTHER THAN DOORS	3,724 in ² (2.40 m ²)	111" (2.81 m)		111" (2.81 m)
Level III	120 min.	120-201 (with film*)	I.G. Units	2-7/16" (62 mm)	25.81 lbs/ft ² (126.00 kg/m ²)	.44	73	46	OTHER THAN DOORS	3,724 in ² (2.40 m ²)	111" (2.81 m)		111" (2.81 m)
Level II	120 min.	120-202 (with film*)	Single Glazing	1-9/16" (41 mm)	18.64 lbs/ft ² (91.00 kg/m ²)	.72	85	46	OTHER THAN DOORS DOOR	3,724 in ² (2.40 m ²) 3,724 in ² (2.40 m ²)	111" (2.81 m) 41-5/8" (1.06 m)		111" (2.81 m) 89-3/4" (2.28 m)

*For filmed products, one dimension of the glass cannot exceed 60" (1.52 m)

+ Available with a translucent interlayer

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

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.

Fireglass®20

Fire-rated, impact safety-rated glass

FireLite®

Fire-rated glass ceramic

FireLite® NT

Fire-rated, impact safety-rated glass ceramic with surface-applied film

FireLite Plus®

Fire-rated, impact safety-rated glass ceramic

FireLite® IGU

Fire-rated or fire/impact safety-rated insulated glass units

Pilkington Pyrostop®

Fire-rated, impact safety-rated transparent wall panels

WireLite®

Fire-rated, wired glass

WireLite® NT

Fire-rated, impact safety-rated wired glass with surface-applied film

Fireframes®

Fire-rated framing & doors for use with all TGP glass products