

Pilkington **Pyrodur**® TM Designed to Resist!

Safety and flexibility for maritime applications

Pilkington **Pyrodur**® TM is a fire-resistant glass which has been specially developed for use in off-shore and maritime applications in doors, windows, partitions and façades.

This fire-resistant glass composition which is UV-resistant and able to withstand adverse weather conditions consists of toughened safety glass and fire-resistant interlayer, making it especially suitable for pressure glazing. The glass can be tailored to meet specific requirements to withstand high wind loads, high levels of water pressure and loads caused by powerful waves.



High quality standard

Pilkington **Pyrodur**® TM protects against fire and reduces hazardous heat radiation significantly. It provides excellent optical quality and fire safety performance, while also fulfilling the demanding technical standards for use in external maritime applications.

The slim structure of the glass unit supports the lightweight design of upper structure without impairing stability, safety and robustness. Thanks to its high light transmittance, Pilkington **Pyrodur**® TM fire-resistant glass is suitable for various exterior applications – from crew accommodation to the wheelhouse. The glass can be installed in standardized framing solutions using common glazing techniques and is certified according to MED and the US Coast Guard.

Trusting in expertise

Pilkington **Pyrodur**® TM is a new addition to the existing product range of Pilkington **Pyrostop**® M, Pilkington **Pyrodur**® M and Pilkington **Pyroclear**® M for off-shore and maritime applications. It benefits from Pilkington's long term experience, profound expertise and excellent track record in regard to fire-resistant glass solutions for off-shore and maritime applications.

Benefits

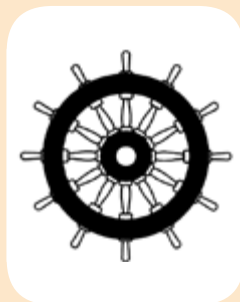
- Tested according to IMO standard
- MED and US Coast Guard certified
- Suitable for pressure glazing
- Able to withstand adverse weather conditions
- UV-resistant
- High visual quality
- Can be combined with other functional glass panes in an insulating glass unit

Applications

The fire-resistant glass Pilkington **Pyrodur**® TM is a sure and excellent choice for use in cruise liners and cargo vessels, special ships, yachts, ferries or in various off-shore applications.



Let us customize our products to meet your specific requirements. Our strategic business unit is dedicated to support you technically and commercially to develop suitable glass solutions.



Fire resistance class	Supply form	Nominal thickness [mm]	Thickness tolerance [mm]	Nominal weight [kg/m ²]	T _L [%]	R _w [dB]	U _g [W/m ² K]
Pilkington Pyrodur ® TM 60-20							
A0	Monolithic Glass	14	±1	31	87	37	5.4

Further compositions (IGU) with additional functional properties are available on request.

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This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. Pilkington is a trademark owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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