

## 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

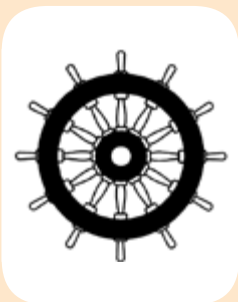
- Tested according to IMO standard
- MED and US Coast Guard certified
- Suitable for pressure glazing
- Able to withstand adverse weather conditions
- UV-resistant
- High visual quality
- Can be combined with other functional glass panes in an insulating glass unit

## 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 <sup>2</sup> ] | T <sub>L</sub> [%] | R <sub>w</sub> [dB] | U <sub>g</sub> [W/m <sup>2</sup> K] |
|--------------------------------------|------------------|------------------------|--------------------------|-------------------------------------|--------------------|---------------------|-------------------------------------|
| Pilkington <b>Pyrodur</b> ® TM 60-20 |                  |                        |                          |                                     |                    |                     |                                     |
| A0                                   | Monolithic Glass | 14                     | ±1                       | 31                                  | 87                 | 37                  | 5.4                                 |

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

## Please contact us for further information:

### **André Stein**

International Sales Manager,  
Maritime & Rail Fire Protection Glass  
T: +49 (0)209 1 68 21 40  
M: +49 (0)172 6 72 13 93  
E: andre.stein@nsg.com

### **Christian Seibt**

Head of Technical Advisory Service  
Fire Protection Glass  
T: +49 (0)209 1 68 21 93  
M: +49 (0)151 54 42 61 09  
E: christian.seibt@nsg.com

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### **Pilkington Deutschland AG**

Haydnstraße 19 45884 Gelsenkirchen  
Tel.: +49 (0)209 1 68 0 Fax: +49 (0)209 1 68 20 56  
E-Mail: fireprotection@nsg.com  
**[www.pilkington.com/fireprotection](http://www.pilkington.com/fireprotection)**