



Approval Certificate

Germanischer Lloyd

This is to certify, that the product identified below has been tested in accordance with the relevant procedures as contained in the Fire Test Procedure Code (IMO-Res. MSC.61(67)) and was found in compliance with the applicable performance criteria contained in the specified standard.

Certificate No.	2480205 HH
Company	Banco W.H. Banel - Gdansk ul. Gdanska 16 83-031 Rusocin, POLAND
Product Description	Marine fire door type: "B-15-3501" [clear opening: 800 x 2000 mm (width x height)]
Product Type	Class B-15 door
Approval Standard	- IMO Res. A. 754(18). - IMO Res. MSC.61(67), Annex 1, Part 3.
Documents	Test report nos: RO-04/B-165/E issued by CENTRUM TECHNIKI OKRETOWEJ, Spolka Akcyjna, Gdansk.
Application	The above product may be applied on ships classed with Germanischer Lloyd and on ships for which the Society is responsible for the issue of the relevant certificate required by the "International Convention for the Safety of Life at Sea, 1974" including amendments as authorized by contracting governments.
Remarks	None
Valid until	2014-12-15
	The company must inform Germanischer Lloyd of any modification or changes to approved product in order to obtain a valid certificate.

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Dr. Dieter Krüger

John Alan Walton

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable.
German law applies.



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Principle components:

Single leaf hinged door, door leaf [thickness: 38 mm] connected to the frame by 3 stainless steel hinges according to drawing nos.:

- 1) 3500-200E 1/4,
- 2) 3500-200E 2/4,
- 3) 3500-200E 3/4,
- 4) 3500-200E 4/4.

Insulation:

- Mineral wool in the door leaf, "Paroc Fire Slab 150" by Paroc, Poland [density: 150 kg/m³],
- Mineral board in the door leaf, "Promarine 640" by Promat UK [density: 640 kg/m³],

Fittings:

- ventilation grill
- kick-out panel,
- kick-out panel with ventilation grill.

Installation instruction:

Installation on board according to manufacturer`s instruction.

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