



Germanischer Lloyd

Approval Certificate

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. **45 123 - 07 HH**

Company **ROCKWOOL A/S**
Hovedgaden 584
2640 Hedehusene, DENMARK

Product Description **A-60 ALUMINIUM DECK**

Product Type **Class A-60 deck**

Approval Standard **- IMO Res.A.754(18)**
- IMO Res.MSC.61(67), Annex 1, Part 3

Documents **Test report no: see shedules page 2 and 3**

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 **2012-08-07**

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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Hamburg, 2007-08-08

Germanischer Lloyd


Dr. Dieter Krüger


Hiltraud Möhlmann

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

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**Product group: A-class division,
class A-60 deck, aluminium**

Common International Solutions:

Construction	Product Description	Application / Limitations	Type Approval Documentation
<p>Solution no 1 – A60DCK-Alu</p> <p>A-60 Deck, Aluminium</p> <p>Rockwool Marine Firebatts 130 2x30 mm / 2x30 mm</p>	<p>A-60 Deck, Rockwool Marine Firebatts 130.</p> <p>Composed of Aluminium deck insulated with minimum 2 x 30 mm mineral wool of type “Rockwool Marine Firebatts 130” of density 130 kg/m³ between stiffeners, and minimum 2 x 30 mm mineral wool around stiffeners.</p> <p>The deck insulation is mounted with standard 3 mm steel pins and 38 mm steel clips (spring washers) at intervals of approx 300 / 400 mm, according to drawing</p>	<p>Approved for use as a Class A-60 deck. General application. Fire against either side.</p>	<p>Test report G 10765 / 7734 , 3 October 2000 , DIFT</p>

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**Product group: A-class division,
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Local National Solutions:

Construction	Product Description	Application / Limitations	Type Approval Documentation	National Country
<p>Solution no A – A60DCK-Alu</p> <p>A-60 Deck, Aluminium</p> <p>Rockwool Marine Firebatts 120 2x30 mm / 2x30 mm</p>	<p>A-60 Deck, Rockwool Marine Firebatts 120.</p> <p>Composed of Aluminium deck insulated with minimum 2 x 30 mm mineral wool of type "Rockwool Marine Firebatts 120" of density 120 kg/m³ between stiffeners, and minimum 2 x 30 mm mineral wool around stiffeners. Covered by galvanised wire mesh ¼". The deck insulation is mounted with standard 3 mm steel pins and 38 mm steel clips (spring washers) at intervals of approx 300 mm, according to drawing.</p>	<p>Approved for use as a Class A-60 deck. General application. Fire against either side.</p>	<p>Test report 250000.42/95.024A SINTEF 24.03.1995</p>	<p>Norway</p> <p>Rockwool Firebatt 110</p>
<p>Solution no B – A60DCK-Alu</p> <p>A-60 Deck, Aluminium</p> <p>Rockwool Marine Wired Mat 125 2x30 mm / 2x30 mm</p>	<p>A-60 Deck, Rockwool Marine Wired Mat 125</p> <p>Composed of Aluminium deck insulated with minimum 2 x 30 mm mineral wool of type "Rockwool Marine Wired Mat 125" of density 125 kg/m³ between stiffeners, and minimum 2 x 30 mm mineral wool around stiffeners. The deck insulation is mounted with standard 3 mm steel pins and 38 mm steel clips (spring washers) at intervals of approx 300 mm, according to drawing.</p>	<p>Approved for use as a Class A-60 deck. General application. Fire against either side.</p>	<p>Test report 846002.10A SINTEF 15.12.1997</p>	<p>Norway</p> <p>Rockwool Firemat 100 (Branmatte)</p>

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