



NEW
PAROC® MARINE
LIGHTWEIGHT SOLUTIONS



LOW ENERGY CONSUMPTION WITH NEW LIGHTWEIGHT INSULATION

Requirements on the shipbuilding and offshore industry are becoming increasingly stringent worldwide, both from economic and ecological perspectives. Ship owners, shipbuilders, naval architects and marine engineers have all prioritized a sustainable approach, including a focus on environmental protection, operational efficiency, resource conservation and safety and comfort. The new Paroc Light Marine initiative will provide naval architects and shipyard specifiers with a new offering of lightweight solutions for fire insulated decks and bulkheads, suited for all marine and offshore projects.

A NEW FAMILY OF LIGHTWEIGHT SOLUTIONS

Owing to increased requirements for economic and ecological efficiency, Paroc offers a new family of lightweight solutions for fire-insulated decks and bulkheads.

Paroc's new lightweight solution for A-class steel decks and bulkheads, PAROC Marine Navis Slab 60, weighs less, yet provide outstandingly high fire protection, as well as thermal and sound insulation properties. With only one density and four thicknesses the assortment allows for the most efficient logistics in the market.

40% WEIGHT REDUCTION

With a weight reduction of up to 40% this solution creates new opportunities for the specifiers in terms of lightship and deadweight tonnage.

PAROC STONEWOOL

PAROC® Stonewool™ is sustainable, high-quality insulation with superior product properties and meets demands from the marine and offshore industry in terms of sustainability, fire safety and comfort.

BENEFITS

- Financial benefits
- Lower operating costs
- Reduced weight
- Increased speed
- Lower fuel consumption
- Decrease in emissions

40%

LIGHTER SOLUTIONS

ADVANTAGES PAROC MARINE LIGHTWEIGHT SOLUTIONS

- Up to 40% weight reduction
- One density – four thicknesses
- Efficient logistics
- Same product for the stiffeners
- Flexible installation

PAROC LIGHT MARINE

Paroc now launches a new product family, Light Marine, bringing lighter weight to the existing, internationally recognised marine offering. PAROC Light Marine are new lightweight solutions for fire insulated decks and bulkheads, suited for all marine and offshore projects.

NEW PAROC MARINE NAVIS SLAB 60

Paroc's marine and offshore solutions meet the highest requirements regarding fire, thermal and acoustic performance. The determination of non-combustibility in accordance with IMO FTP Code Part 1 has been performed for all PAROC Marine insulations.

Among the first solutions to receive Light Marine treatment are Paroc slabs for A-class steel decks and bulkheads. The solutions for A-class fire protection with the new 60 kg/m³ stonewool slab **PAROC MARINE NAVIS SLAB 60** are:



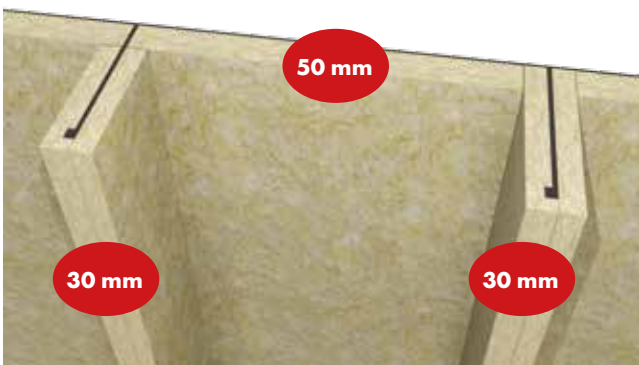
A60 STEEL BULKHEAD	
Insulating thickness level / stiffener (mm)	70 / 30
Weight kg / m ²	4,2 / 1,8



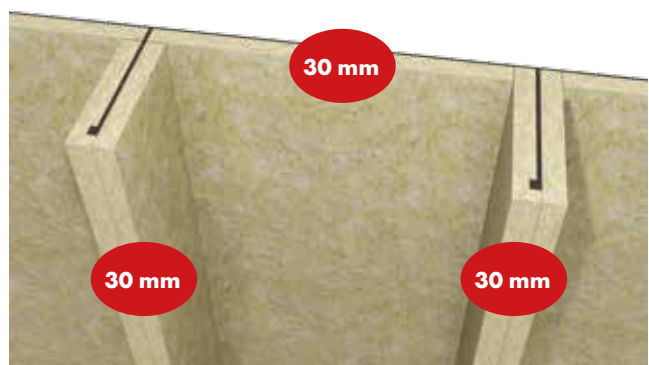
A30 STEEL BULKHEAD	
Insulating thickness level / stiffener (mm)	40 / 30
Weight kg / m ²	2,4 / 1,8



A60 STEEL DECK	
Insulating thickness level / stiffener (mm)	50 / 30
Weight kg / m ²	3,0 / 1,8



A30 STEEL DECK	
Insulating thickness level / stiffener (mm)	30 / 30
Weight kg / m ²	1,8 / 1,8



Paroc is one of Europe's leading manufacturers of energy-efficient and fire-proof insulation solutions. Throughout our 80-year history, we have earned a reputation for high product performance, technical expertise and sustainability among builders of single-family homes, architects, contractors, dealers and industrial builders.

The cornerstones of our operations are customer and personnel orientation, constant innovation, profitable growth and sustainable development. Paroc products include building insulation, technical insulation, marine and offshore insulation, and acoustic products. The products are manufactured in Finland, Sweden, Lithuania, Poland and Russia. Paroc has sales and representative offices in 14 European countries.



Building Insulation offers a wide range of products and solutions for all traditional building insulation. The building insulation products are mainly used for the thermal, fire and sound insulation of exterior walls, roofs, floors and basements, intermediate floors and partitions.



Sound absorbing ceilings and wall panels for interior acoustic control, as well as industrial noise control products, are available in the range.



Technical Insulation products are used for thermal, fire and sound insulation in HVAC systems, industrial processes and pipe work, industrial equipment as well as shipbuilding and offshore industry.

The information in this brochure describes the conditions and technical properties of the disclosed products, valid at the time of publication of this document and until replaced by the next printed or digital version. The latest version of this brochure is always available on the Paroc website. Our information material presents applications for which the functions and technical properties of our products have been approved. However, the information does not mean a commercial guarantee. We do not assume liability of the use of third party components used in the application or the installation of our products. We cannot warrant the suitability of our products if used in an area or conditions which are not provided in our information material. As a result of constant further development of our products we reserve the right to make alterations to our information material at any time.

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