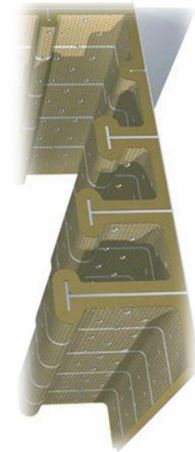


FLYER TO THE YACHTING INDUSTRY (03/2023)

PRODUCT RECALL & REMOVAL FROM MARKET

PAROC Marine Navis Mat 60 & PAROC Marine Navis Slab 60

The Cayman Islands Shipping Registry (CISR) has been advised of a safety recall of the above fire insulation products. The products have been shown through independent testing not to meet the A-60 Test requirements despite the products holding a Type Approval Certificate. (See Owens Corning PAROC Product Safety recall dated 17 May 2023, as annexed to this flyer.)



It is understood that whilst the products do offer some fire protection, they do not meet the specified temperature rise requirements for an A-60 division in that maximum temperature rise occurred before the end of the 60-minute test period.

The Manufacturer has requested the following immediate actions.

- Stop distributing the batches of any Marine Navis Mat 60 / Slab 60 if you have any in stock.
- Please inform PAROC (with batch number and volume information) if you have Mat 60 / Slab 60 in stock and PAROC will send you further instructions on how to return them at their expense.
- Immediately inform your customers (shipyards) about the recall. Please use PAROC's template letter for communication with your customers.
- While you are awaiting a response from your customers, please send to PAROC as soon as possible the names and locations of your European customers to which Mat 60 / Slab 60 were distributed. If this information is confidential, PAROC will provide directions for submitting this information to an independent third party who can follow up with your customers to maintain confidentiality.

The manufacturer has conducted a risk assessment and have concluded that the products should not be used for any new installations. They are not recommending any remedial action for existing vessels. CISR does not approve or otherwise endorse this conclusion by the manufacturer for existing vessels. The manufacturer's risk assessment focuses principally on the provision of active fire suppression systems which would normally be found in spaces bounded by A-60 divisions.

CISR is conducting its own investigation into the issue with a view to determining next steps and whether any remedial action is warranted for existing vessels.

The purpose of this flyer is to alert the industry to the above issues and advise that any further installation of the affected products should cease with immediate effect.

Further details on any recommended remedial measures will follow in due course.

Maritime Authority of the Cayman Islands
30 July 2023.

ANNEX: Owens Corning PAROC Product Safety – Withdrawal from Market

Paroc Group Oy
Energiakuja 3
FI-00180 Helsinki, Finland
Tel. +358 46 876 8000
Domicile Helsinki, Finland
Business 2302501-6 VAT No. FI23025016



17 May 2023

PRODUCT SAFETY – WITHDRAWAL FROM THE MARKET

Dear valued Owens Corning PAROC® customer,

RE: Paroc Marine Navis Mat 60 and Paroc Marine Navis Slab 60

Our records indicate that you have previously purchased Paroc Marine Navis Mat 60 ("Mat") and/or Paroc Marine Navis Slab 60 ("Slab"). Paroc Group Oy ("Owens Corning Paroc") is writing to notify you that in recent testing the Mat and/or Slab did not fully meet the Class A-60 Bulkhead fire integrity test requirements under the EU Marine Equipment Directive 2014/90/EU ("MED").

Product characteristics and regulatory issue



The **Mat** is made of stone wool and designed to withstand high temperatures. It is intended to insulate "A" Class steel bulkheads and has a thickness of 30 and 60 mm with a normal density of 60 kg/m³. The stone wool insulation is applied in one 60 mm thick layer on a steel bulkhead (plate) and 30 mm thick layer on stiffeners. The Mat has a width of 600, 900, or 1000 mm and a length of 4000 mm (60 mm thick) and 6000 mm (30 mm thick).



The **Slab** is made of stone wool and designed to withstand high temperatures. It is intended to insulate "A" Class steel bulkheads and has a thickness of 20 and 60mm with a nominal density of 60 kg/m³. The stone wool insulation is applied in one 60 mm thick layer on a steel bulkhead (plate) and 30 mm thick layer on stiffeners. The Slab has a width of 600 or 700 mm and a length of 1000 and 1200 mm.

Both products have an EC type-examination certificate granted by the notified body Eurofins Electric & Electronics Finland Oy ("Eurofins") in 2020. We recently re-tested the products for compliance with MED. Unfortunately, neither the Mat nor Slab products fully performed as expected or required during the 60-minute test. No incidents or accidents have been reported on board vessels. However, since the tested products are not compliant with the MED test requirements and that can raise potential safety concerns, we respectfully request that you take the below-listed immediate actions. No immediate action is requested for installed products. We will promptly notify you if that ceases to be the case.

Immediately requested actions

- Stop distributing the affected batches of any Mats/Slabs if you have some in stock.
- Please inform us (with batch number and volume information) if you have Mats/Slabs in stock and we will send you further instructions on how to return them at our expense.
- Immediately inform your customers (shipyards) about the recall. Please use the provided template letter for communication with your customers.
- While you are awaiting a response from your customers, please send us as soon as possible the names and locations of your European customers to which affected Mats/Slabs were distributed. If this information is confidential, we will provide directions for submitting this information to an independent third party who can follow up with your customers to maintain confidentiality.

Please confirm receipt of this letter via email to **(name of OC contact)** **by end of day on Tuesday, 25 May 2023**, and provide your contact details for future communication.

On behalf of the entire Owens Corning Paroc team, we appreciate your understanding and cooperation in this matter. Please contact **(name of OC contact)** with any questions you may have regarding this letter.

Respectfully,

Jari Airola
Vice President and Managing Director
Owens Corning PAROC® Insulation

Hans Van Der Steen
General Manager of Technical Insulation
Owens Corning PAROC® Insulation