

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Support Pads for Cargo Tanks**with type designation(s)
FEROFORM F3637

Issued to

Tenmat Ltd.
MANCHESTER, United Kingdom

is found to comply with

GL Rules for Classification and Construction II - Materials and Welding**Application :****Support Pads for Heated Asphalt, Bitumen, Coal Tar and Sulphur Tanks****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**This Certificate is valid until **2021-06-30**.Issued at **Hamburg** on **2016-07-19**DNV GL local station: **Manchester**Approval Engineer: **Joachim Rehbein**for **DNV GL**

Thorsten Lohmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.



Job Id: **262.1-022960-1**
Certificate No: **TAS00000KC**

The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

Cured Phenolic Resin Matrix with Synthetic Fibre Reinforcement; Heat stabilized

This certificate is the prolongation of certificate KBZ 1018 HH 3

Production site

Tenmat Ltd.
Ashburton Road West
Trafford Park
Manchester M17 1RU
England

Application/Limitation

Support Pads for Heated Asphalt and Sulphur Tanks

- Maximum contact temperature: 280°C
- Maximum load per pad: 80 MPa
- Maximum load per pad with chocking compound: 27.5 MPa

Type Approval documentation

Tests carried out

Production tests according to Type Approval Documentation

Marking of product

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV GL Type Approval Certificate.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

Periodical Assessment to be performed after 2.5 years (Certificate Retention) and at renewal after 5 years (Certificate Renewal).

The main elements of the Periodical Assessment are to:

- Ensure that Type Approval documentation is available.
- Review design, materials, production process, and performance with respect to possible changes, in order to ensure compliance with Type Approval documentation and/or referenced material specifications.
- Ensure traceability between manufacturer's product marking and the DNV GL Type Approval Certificate.

END OF CERTIFICATE