

Shop Approval



Approval No: **KBZ 1135 HH**

For **Visco elastic gluing of closed cell foams with fibre reinforced plastics on metal structures**

the company **Fagerdala Marine System AB
Varvsvägen 6
SE-74071 Öregrund**

is approved on the basis of the assessed documentation. The processing shall be carried out according to manufacturers specification.

and the **Rules for Classification and Construction
II – Materials and Welding
Part 2 – Guidelines for Elastomeric Adhesives
and Adhesive Joints**

Production Techniques **Hand Lay-up Process
and Vacuum Bagging**

Remarks **The approved fields of application are listed in the annex.**


The approval consists of this document and a one-page annex.

This Shop Approval is valid until 2013-09-30.

Hamburg, 2010-09-17

Germanischer Lloyd


Michael Kühnel


Guido Michalek

Shop Approval



ANNEX

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KBZ 1135 HH

2010-09-17

Page 1

Reference Documents

- Workshop Inspection carried out by Germanischer Lloyd, dated on 2010-08-17
- Application Manual issued by Fagerdala Marine Systems AB

Field of Applications

- Alternative strengthening of metal panels
- Thermal Insulation (except of cargo tanks)
- Buoyancy and stability aid on ships hull
- Lines fairing
- Acoustic damping
- Shock absorption
- Cosmetic solution

Approval conditions

The company is obliged to apply Marine Vessel (components) according to the Rules of Germanischer Lloyd whenever the components are design approved by Germanischer Lloyd. This obligation is effective without detriment, regardless of contracts closed between manufacturer and customer.

The company shall prepare an inspection plan for each type of components before construction begins and submit this to Germanischer Lloyd. The plan has to clearly indicate the duties of the construction and the quality control. This inspection plan has to be approved by Germanischer Lloyd prior to production starts.

Alterations or modifications within the company having substantial influence upon the manufacturing quality (e.g. alterations in construction methods and/or construction facilities) and changes in the qualification of personnel are to be immediately indicated in writing to the GL surveyor in charge or to Germanischer Lloyd Head Office.

Should any check reveal any deviations from the shop approval a determined period will be arranged for the elimination of these deviations and if necessary a subsequent examination will be undertaken. Should the subsequent examination establish that the deviations have not been eliminated, Germanischer Lloyd is entitled to withdraw the shop approval.

Should Germanischer Lloyd get knowledge about any damages on products the company is responsible for, Germanischer Lloyd is entitled to suspend the shop approval until the deficiencies are remedied or to withdraw the shop approval.

End of Appendix

Germanischer Lloyd

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