Statement of Approval



Approval No.

WP 1320032 HH

The material described below complies with the applicable requirements as given in the Rules and Regulations of Germanischer Lloyd. On this basis the material is

approved as

Laminating Resin

for the construction of components provided that the recommendations for use as specified by the producer are observed.

Type

KER 9500- Series

Description

Two Component Epoxy Resin System

Producer

Kumho P&B Chemicals Inc.

144-14 Wolha-Dong Yeosu, Chollanam-Do Korea, Republic of

Normative Reference

Rules for Classification and Construction,

II - Material and Welding Technology

Part 2 Non-Metallic Materials

This document consists of this page and a one-page annex which is integral part of the approval.

This Statement of Approval is valid until 2017-06-30.

Hamburg, 2013-06-10

Germanischer Lloyd

Guido Michalek

Joachim Rehbein

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable (see Chap. 1 - Ship Technology, Part 0 - Classification and Surveys). Germanischer Lloyd SE; Registered Office Hamburg, HRB 115442.

Statement of Approval



ANNEX

Approval No.

WP 1320032 HH

Date:

2013-06-10

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Reference Documents

Technical specifications deposited at Germanischer Lloyd Head Office.

Assessed Documents

- Test Report B123/09 issued by IMA Dresden, dated 2009-05-27

- Technical Data Sheet

- Material Safety Data Sheets

- Workshop Inspection Reports issued by Germanischer Lloyd

Fields of Application

Construction of FRP laminates of components, on condition that the fibre

reinforcements comply with the applicable requirements of the Germanischer Lloyd

and are compatible to the resin.

Approved Variants

Epoxy Resin KER 9500 with hardeners:

- KCA 9510

- KCA 9520

Limitations

Any significant changes in design and/or quality of the material

will render the approval invalid.

Remarks

This certificate covers also the following production site:

Jiangsu Kumho Yangnong Chemical Co., Ltd.

Yizheng Economic Yangzhou City 211900

China

This certificate supersedes the approval WP 1320002 HH.

End of Annex

Germanischer Lloyd