

Statement of Approval

Approval No. **WP 1620037 HH**

The material described below complies with the applicable requirements as given in the Rules and Regulations of GL. 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 **Elan-tech EC 157.1 Series**

Description **Two Component Epoxy Resin System**

Producer **ELANTAS Europe S.r.l.
Via Antolini No.1
43044 Collecchio, Parma
Italy**

Normative Reference **GL 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 2017-10-23.

Hamburg, 2016-10-24

DNV GL

Guido Michalek

Joachim Rehbein

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ANNEX

Date: 2016-10-24

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Reference Documents Technical specifications deposited at DNV GL SE, Hamburg.

Assessed Documents

- Technical Data Sheet
- Test Report No. B576/14 issued by IMA Dresden, dated on 2015-09-08
- Test Report No. B040/16 issued by IMA Dresden, dated on 2016-09-21
- Quality assurance documentation

Fields of Application Construction of FRP laminates of components, on condition that the fibre reinforcements comply with the applicable requirements of GL and are compatible to the resin.

Approved Variants Epoxy resin system Elan-tech EC 157.1 with following hardener:

- W 152.1 HR
- W 152 XLR

Limitations Any significant changes in design and/or quality of the material will render the approval invalid.

End of Annex

DNV GL