

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Epoxy Systems**with type designation(s)
PRO-SET INF-114

Issued to

Wessex Resins & Adhesives Ltd.
Romsey, Hampshire, United Kingdom

is found to comply with

DNV GL rules for classification – Ships**DNV GL rules for classification – Yachts****DNV GL class programme DNVGL-CP-0089 – Type approval – Epoxy resin systems****Application :****Infusion resin for construction of laminates made of fibre reinforced plastics****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2019-03-05**This Certificate is valid until **2024-03-04**.for **DNV GL**DNV GL local station: **Newcastle-upon-Tyne**Approval Engineer: **Joachim Rehbein**

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



Job Id: **262.1-026985-1**
Certificate No: **TAK00001GA**

Product description

Two component epoxy resin system.

Approved variants

Epoxy resin PRO-SET INF-114 with following hardener:

- PRO-SET INF-210 Fast Cure
- PRO-SET INF-211 Medium Cure
- PRO-SET INF-212 Slow Cure
- PRO-SET INF-213 Extra Slow Cure

Type Approval documentation

Material Properties

Properties	Test Method	INF-114 Resin	INF-210 Fast Cure	INF-211 Medium Cure	INF-212 Slow Cure	INF-213 Extra Slow Cure	Unit
Density at 21°C	ISO 1183-1B	1.14	0.94	0.93	0.93	0.94	g/cm ³
Viscosity at 21.5°C	Brookfield LVDE	850 – 1200	24 – 28	17 – 21	14 – 17	15 - 19	mPa·s

Application/Limitation

Applicable for the construction of FRP - laminates, on condition that the resin is compatible to fibre reinforcements, adhesives and core materials.

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

Assessed production site

Wessex Resins & Adhesives Ltd.
Cupernham House, Cupernham Lane
Romsey
Hampshire SO51 7LF
United Kingdom

Periodical assessment

A production site with a valid Approval of Manufacturer (AoM) certificate for material in question is exempted from the obligation concerning retention and renewal assessments.

For manufacturer without a valid AoM a periodical assessment after 2.5 years and at renewal after 5 years is required.

END OF CERTIFICATE