



TYPE APPROVAL CERTIFICATE

Certificate No:
TAK000014W
Revision No:
1

This is to certify:

That the Epoxy Systems

with type designation(s)
Prime 27 - Series, Prime 37 - High Tg

Issued to
Gurit (UK) Ltd.
Newport, Isle Of Wight, United Kingdom

is found to comply with
DNV class programme DNV-CP-0089 – Type approval – Epoxy resin systems

Application :

Laminating resin for construction of laminates made of fibre reinforced plastics.

Issued at **Hamburg** on **2021-12-03**

This Certificate is valid until **2023-02-07**.
DNV local station: **Hamburg Renewables Certification**

Approval Engineer: **Joachim Rehbein**

for **DNV**

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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Two component epoxy resin system.

Approved variants

Epoxy resin Prime 27 with following hardener

- Fast
- High Tg
- Slow
- Extra Slow

Epoxy resin Prime 37 with following hardener

- High Tg

Type Approval documentation

- Technical Data Sheet
- Material Safety Data Sheet
- Test Report No. 8867 issued by the DNV GL approved testing laboratory of Gurit (UK) (Approval No. GL-LZ 1610 HH, dated on 2013-03-19.
- Workshop Inspection Report issued by DNV GL Hamburg, dated on 2018-01-20.
- Quality assurance/control documentation;
- Confirmation letter for Prime 37, dated 2021-12-01.

Material Properties

Properties	Test Method	Prime 27*	Prime 37	Fast Hardener	High Tg Hardener	Slow Hardener*	Extra Slow Hardener	Unit
Viscosity at 25°C	Cap 2000	415 – 515	415 – 515	15 – 35	10 – 20	12 – 24	30 – 50	cPs
Gel Time at 25°C	Tecam	N/A	N/A	25	300**	160	440	mins

*) RTV

***) 20°C

Limitation

The resin complies with the applicable requirements of DNV GL and is compatible to the fibres, adhesives and core materials. Any significant changes in design and / or quality of the material will render the approval invalid.

Assessed production site

Gurit (UK) Ltd.
 St. Cross Business Park
 Newport PO30 5WU
 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.

Remarks

This certificate supersedes the type approval WP 1320040 HH.

END OF CERTIFICATE