

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Unidirectional (0°) Carbon Fibre Prepreg

with type designation(s)
SE 84LV - Series

Issued to

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

is found to comply with
DNV GL class programme DNVGL-CP-0431 – Type approval – Prepreg materials

Application :

Manufacturing of FRP laminates.

Issued at **Hamburg** on **2018-03-05**

for **DNV GL**

This Certificate is valid until **2023-03-04**.

DNV GL local station: **Hamburg Materials & Welding**

Approval Engineer: **Guido Michalek**

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.



Product description

Unidirectional (0°) hot-melt epoxy carbon fibre prepreg with curing temperatures between 80°C and 120°C and curing times between 1 hour and 12 hours (depending on curing temperature).

Approved variants

Fibre Area Weight: 145 – 600 g/m²
Resin Content: 29 – 40 %
Fibre Type: High Tenacity (HT)¹⁾
High Modulus (HM)²⁾
Intermediate Modulus Carbon (IMC)³⁾

¹⁾ HT is the DNV GL definition according to DNV GL Class Programme CP-0096 and is comparable to Gurit's High Elongation Carbon (HEC) definition.

²⁾ HM is the DNV GL definition according to DNV GL Class Programme CP-0096 and is comparable to Gurit's High Modulus Carbon (HMC) definition.

³⁾ Intermediate Modulus Carbon (IMC) is a Gurit definition.

Type Approval documentation

- Technical Data Sheet
- Test Report No. 6828 issued by the DNV GL approved (Approval No. AOSS0000DHK) Testing Laboratory of Gurit (UK).
- Quality documentation

Assessed production sites

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

Gurit (Spain) Ltd
Polígono Industrial Romica, Calle 4
Parcela 11C, Albacete 02080
Spain

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 1530021 HH.

END OF CERTIFICATE