

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Prepreg Materials

with type designation(s)
ST 94 XC - 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 **2018-08-14**

for **DNV GL**

This Certificate is valid until **2023-08-13**.

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.



Job Id: **262.1-029586-1**
Certificate No: **TAK00001B6**

Product description

Biaxial ($\pm 45^\circ$) 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

- ST94 XC305 - ST94 XC411 - ST94 XC611

Approved properties

Fibre Area Weight: 290 – 640 g/m²
Resin Content: 35 – 45 %
Fibre Type: High Tenacity (HT)¹⁾

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

Type Approval documentation

- Technical Data Sheet
- Test Report No. 6878 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
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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 1430024 HH

END OF CERTIFICATE