

# TYPE APPROVAL CERTIFICATE

**This is to certify:****That the Biaxial ( $\pm 45^\circ$ ) Carbon Fibre Prepreg**with type designation(s)  
**SE 84LV 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 **2018-03-05**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.



Job Id: **262.1-026924-1**  
Certificate No: **TAK000015Z**

## 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

- SE84 LV XC305                      - SE84 LV XC411                      - SE84 LV XC611

## Approved properties

Fibre Area Weight:     290 – 640 g/m<sup>2</sup>  
Resin Content:            35 – 45 %  
Fibre Type:                High Tenacity (HT)<sup>1)</sup>

<sup>1)</sup> 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. 6828 issued by the DNV GL approved (Approval No. AOSS0000DHK) Testing Laboratory of Gurit (UK).
- Quality documentation

## Assessed production sites

Gurit (UK) Ltd.	Gurit (Spain) Ltd.
St. Cross Business Park	Polígono Industrial Romica, Calle 4
Newport PO30 5WU	Parcela 11C, Albacete 02080
United Kingdom	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

None

END OF CERTIFICATE