

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Adhesive

with type designation(s)
Spabond 345 - Series

Issued to

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

is found to comply with
DNV GL class programme DNVGL-CP-0086 – Type approval – Adhesive systems

Application :

Bonding of epoxy and/or polyester laminates.

Issued at **Hamburg** on **2019-01-03**

for **DNV GL**

This Certificate is valid until **2024-01-02**.

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

Two component epoxy resin system.

Approved variants

Epoxy resin SP 345 with following hardener

- Fast hardener
- Slow hardener
- Extra-slow hardener

Type Approval documentation

- Technical Data Sheet
- Material Safety Data Sheet
- Test Report No.8591 issued by the DNV GL approved (Approval No. AOSS0000DHK) testing laboratory of Gurit Newport (UK).
- Approval of Manufacturer (AMPM0000023) valid until 2021-02-28.
- Quality assurance/control documentation

Material Properties

Properties	SP 345	Fast hardener	Slow hardener	Extra-slow hardener	Unit
Density at 21°C	1.17	1.08	1.10	1.01	g/cm ³
Viscosity at 23°C	200 - 320	130 - 170	140 - 180	140 - 180	P

Limitation

The adhesive complies with the applicable requirements of DNV GL and is compatible to the adherends. 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
PO30 5WU Newport, Isle of Wight
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 approval WP 1040010 HH.

END OF CERTIFICATE