Certificate No: LR26434693ALP
Issue Date: 08/09/2026
Expiry Date: 07/09/2031

Certificate of Approval Of A Structural Adhesive

Manufacturer	**NCS South Africa (Pty) Ltd.**
Address	P.O Box 392, Pinetown, 3600, South Africa
Product	**DEXALOK 6010 PA**
Type	Urethane Acrylate
Application	Bonding of FRP, aluminium, steel components, marine plywood and combinations thereof together with gap filling
Data	Lap shear Strength at 25oC:

Aluminium substrate: 15.6 MPa (Bond line thickness: 1 mm)
Aluminium substrate: 6.6 MPa (Bond line thickness: 3 mm)
Stainless Steel Substrate: 30 MPa (Bond line thickness: 1 mm)
Stainless Steel Substrate: 13 MPa (Bond line thickness: 3 mm)
DCPD Substrate: 38.2 MPa (Bond line thickness: 0.76 mm)
DCPD Substrate: 11.4 MPa (Bond line thickness: 3 mm)
Vinyl Ester Substrate: 38 MPa (Bond line thickness: 0.76 mm)
Vinyl Ester Substrate: 7 MPa (Bond line thickness: 3 mm)
Marine Plywood Substrate: 3.6 MPa (Bond line thickness: 1 mm)
Marine Plywood Substrate: 1.7 MPa (Bond line thickness: 3 mm)

Lap shear Strength at 60oC:
Aluminium substrate: 6.4 MPa (Bond line thickness: 1 mm)
Aluminium substrate: 2 MPa (Bond line thickness: 3 mm)
Stainless Steel Substrate: 6.6 MPa (Bond line thickness: 1 mm)
Stainless Steel Substrate: 3.2 MPa (Bond line thickness: 3 mm)
DCPD Substrate: 15 MPa (Bond line thickness: 0.76 mm)
DCPD Substrate: 2.6 MPa (Bond line thickness: 3 mm)
Vinyl Ester Substrate: 17.8 MPa (Bond line thickness: 0.76 mm)

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Raj Muthuraj
Specialist Non-Metallics to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Vinyl Ester Substrate: 2.8 MPa (Bond line thickness: 3 mm)
Marine Plywood Substrate: 1.88 MPa (Bond line thickness: 1 mm)
Marine Plywood Substrate: 1.1 MPa (Bond line thickness: 3 mm)

Lap shear Strength at 25oC after conditioning in water at 35oC for 28 days:

Aluminium substrate: 3.2 MPa (Bond line thickness: 1 mm)
Aluminium substrate: 1.4 MPa (Bond line thickness: 3 mm)
Stainless Steel Substrate: 7.6 MPa (Bond line thickness: 1 mm)
Stainless Steel Substrate: 7.6 MPa (Bond line thickness: 3 mm)
DCPD Substrate: 27 MPa (Bond line thickness: 0.76 mm)
DCPD Substrate: 7.2 MPa (Bond line thickness: 3 mm)
Vinyl Ester Substrate: 22.4 MPa (Bond line thickness: 0.76 mm)
Vinyl Ester Substrate: 4.2 MPa (Bond line thickness: 3 mm)
Marine Plywood Substrate: 0.86 MPa (Bond line thickness: 1 mm)
Marine Plywood Substrate: 0.55 MPa (Bond line thickness: 3 mm)

Bulk Adhesive Tensile Strength at 25oC:

Tensile Strength : 13 MPa
Elongation at maximum stress: 98.8%

Bulk Adhesive Tensile Strength at 60oC:
Tensile Strength : 1.6 MPa
Elongation at maximum stress: 31.8%

Applicable LR Rules Rules and Regulations for Classification of Special Service Craft

Approved Variants None

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This certificate is issued to the company named above. Based on the examination of the data submitted the product described is considered acceptable for use in constructions built under Lloyd's Register's survey. This acceptance is subject to Lloyd's Register being informed of any changes in or modifications to the product and the product being used in accordance with the manufacturer's instructions and with the relevant requirements of Lloyd's Register's Rules and Regulations.

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