# Performance Assurance for Marine Applications

ACRALOCK®
Engineered Bonding Solutions

To whom it may concern,

March 04, 2015

This is to confirm, that Acralock structural adhesives of SA10 LV and SA10 HV series are proven for Marine applications above and below waterline through a series of physical, mechanical and environmental tests done by own and independent laboratories to bond substrates for Marine applications stated below under keeping the application rules documented in the technical data sheets for final environmental conditions as follows:

| | |
|---|---|
| Environmental Conditions: | Temperature range of - 40°C to + 85°C<br>Humidity < 99 % |
| Proven Substrates: | Fibre reinforced polyester resin laminates and gelcoats<br>Fibre reinforced vinylester resin laminates<br>Fibre reinforced epoxy resin laminates<br>Aluminum<br>Stainless steel grades 1.4301 and 1.4571<br>Carbon steel<br>Thermoplasts ABS, PMMA, PC, PVC, PET |
| Application Rules: | Application temperature 15 - 35 °C<br>Material stored between 18 - 25°C prior application<br>Surface preparations according substrate choice |
| Tests done for Verification: | Tensile lap shear strength according DIN EN 1465<br>Peel resistance according ISO 11339<br>Dimension stability under heat according DIN EN ISO 75-2<br>Creep performance test according DIN EN 1465<br>Dynamic load (fatique) resistance according ASTM D3166<br>Resistance to chemicals according ASTM D896<br>Water soak test 1000 h according GL2006-II Part 2-6.4.2<br>Cyclic laboratory aging resistance according ASTM D1183<br>Cyclic laboratory aging resistance according EN ISO 9142 |

The performance characteristics of the Acralock SA10 LV and SA10 HV series products are documented in EBS Technical Data Sheet which can be obtained from our European sales office or one of the official Acralock distributors.

This statement does not release the user from the obligation to test the suitability of the adhesive product for his substrates to be bonded himself prior use.

For any further questions and technical support either contact your local Acralock distributor or EBS - Acralock Europe direct under office@acralock.eu.

best regards,

Ing. Christof Mayer
General Manager
EBS GMBH

Engineered Bonding Solutions GmbH
A-7411 Markt Allhau, Gewerbeweg 16
e-mail: office@acralock.eu
homepage: www.acralock.com
ATU 67112304, FN 374 423y

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