

Performance Assurance for Marine Applications



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
 Humidity < 99 %

Proven Substrates: Fibre reinforced polyester resin laminates and gelcoats
 Fibre reinforced vinylester resin laminates
 Fibre reinforced epoxy resin laminates
 Aluminum
 Stainless steel grades 1.4301 and 1.4571
 Carbon steel
 Thermoplasts ABS, PMMA, PC, PVC, PET

Application Rules: Application temperature 15 - 35 °C
 Material stored between 18 - 25°C prior application
 Surface preparations according substrate choice

Tests done for Verification: Tensile lap shear strength according DIN EN 1465
 Peel resistance according ISO 11339
 Dimension stability under heat according DIN EN ISO 75-2
 Creep performance test according DIN EN 1465
 Dynamic load (fatigue) resistance according ASTM D3166
 Resistance to chemicals according ASTM D896
 Water soak test 1000 h according GL2006-II Part 2-6.4.2
 Cyclic laboratory aging resistance according ASTM D1183
 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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