

NYALIC® MARINE

FOAM: WANT A SEALED CORROSION FREE BOND?

Areas where foam is sprayed into void spaces for flotation have a tendency to corrode, particularly when there is not a fully sealed bond.

Expansion foam is widely used on boats, containers etc, also in many other traditional marine and industrial applications.

In the past applying sprayed insulation or buoyancy foam direct to an aluminum surface has resulted in -

- poor adhesion to the substrate
- foam contents reacting to aluminum .. or
- In marine, an ingress of salt water setting up a corrosion cell which can lead to catastrophic failure of the aluminum

Now corrosion issues can be negated with the use of Nyalic® as both a barrier coat and as the tie coat when applied before using foam.

In the marine sector, soon all vessels in survey will be required to comply with the positive buoyancy rules. Foam is an effective method to add buoyancy.

Method:

1. Right Rinse™ and Simple Prep™ wash.
2. Dry
3. Alcohol or MEK™ wipe
4. Apply Nyalic® by spray or roller (1 coat but we recommend 2)
5. Allow to dry (sample 2 hours at 15 deg c) outside (accelerate if possible)

Then.....

1. Apply Polyurethane spray foam as per directions for this process
2. Allow to cure to product specs

Result : A complete DRY bond with the alloy substrate

Nyalic® will act as both a tie and insulating coat, importantly providing to you corrosion protection should the applied foam become in contact with moisture.

As normal formed insulating and sound proofing foam sheets of most manufacture can equally be adhered with contact glues to aluminum without fear of hidden future corrosion should spray foam methods be impractical.

Contact you Nyalic® Technical Advisor today for further information

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