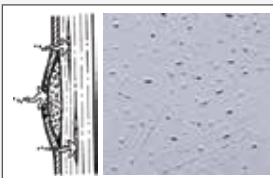


BritecGuard

A High-Quality Solution for blistering in Composites

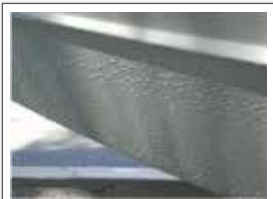
BRITECGUARD is a gel coat manufactured with special resins of the high-performance modified Vinyl ester type, formulated specifically for parts manufacturing in the marine, automotive and molding industries. It is specially formulated as a chemical barrier gel, reducing air-bubbles formation caused by contact with water, it also offers resistance to fiberglass scuff marks, providing an excellent finishing coat.

PROBLEM: BLISTERING / LOW QUALITY OF FINAL COAT



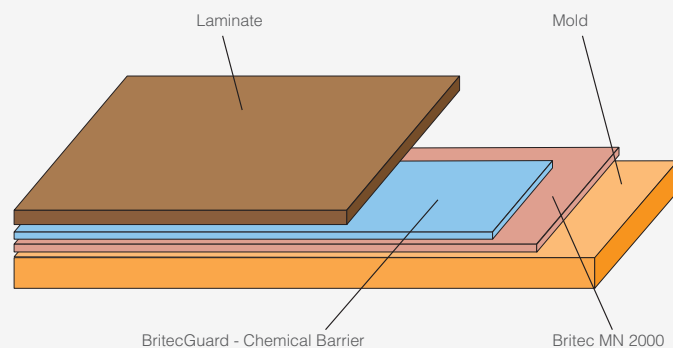
- Water penetrates the gel surface.
- Water penetrates laminate chips, finding water soluble substances.
- The accumulated water pressure is greater than the gel's deformation point.
- Bubbles appear on the surface of the gel.

SOLUTION: BRITECGUARD

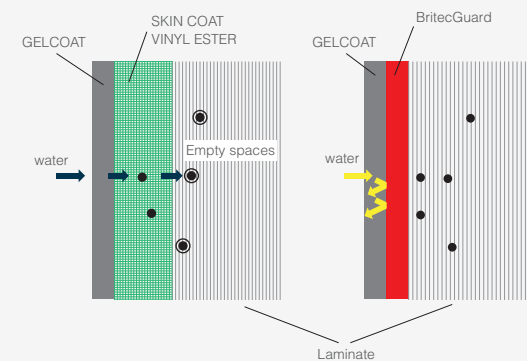


- Below the waterline: reduces osmotic blistering.
- Above the waterline: eliminates the impression of abrasions and distortions by improving expressively the appearance of the hull and other parts of the boat.
- Global process: improves the production cycle.

HOW TO USE BRITECGUARD?



Resistencia por debajo de la línea de agua



ANSI standard Assessment - Resistance exposed in water 96 degrees. 3 years of environmental exposure without blistering.

BritecGuard

30 days-Blistering - 60° C.



- Blocks impressions on fiberglass.
- Resists distortions of balsa wood or of structural reinforcements behind the laminate.
- The product uses the same application equipment as the Gelcoat.
- Only 20 ml are needed to guarantee the efficiency of the protective barrier.
- Heals as fast as Gel coat

BritecGuard

- High Thermal Resistance (HDT).
- Increased Mold Durability
- More aesthetic finish
- Better final product quality
- Time and cost reduction in the construction of molds and final pieces
- Guarantee: No blistering formation

Blistering – Norma ANSI Z



It is a blistering accelerator. The equipment simulates Exposure to water over time. Assessment carried out in 96 hours.

Cosmetic Quality of Composites



With BritecGuard you get an Automotive type finish coat, which becomes an advantage for the PRFV transformer.

Traditional System

- Low durability.
- High deformation throughout use.
- Several repairs due to wear and tear.
- The molds are damaged more easily.
- High operating cost.

BritecGuard: Time and cost reduction during production cycle

The use of BritecGuard will bring improvements to the aesthetics of the final piece with significant saving of time and work on the production processes. By way of example we will show you the benefits and the important costs reduction generated in the production process of a 35 feet long boat hull. In both cases the same conditions of cosmetic finishing and protection against osmosis are considered.



In both graphs the time required for each step of the process is indicated clockwise.

Using the BritecGuard solution, the total production process means a substantial saving of 13 man hours and a cycle time reduction of 25%.

These large savings are the direct result of the special qualities of BritecGuard, which has been designed to provide solutions against osmosis as well as to improve the cosmetics of the end product. All this set of qualities in just one product.