

### **What you should consider when using a material for a boat bunk covering.**

The furthest thing from anyone's mind is that the materials that One sets or stores their new or pristine boat upon will have a detrimental effect on the exotic "gel-coat" protecting the hull of that boat. The gel-coat is a finish glaze coating over the final layer of fiberglass resin plastic to smooth and enclose the entire surface imperfections. Beneath a microscope, fiberglass would look just like a mountain range with very sharp cave-like stalagmites protruding from every angle. It would almost appear as the "Superman's Home" on the movie of the same name. A gel-coat smoothes and seals these projections from accumulating dirt and debris which moves throughout the entire surface of the hull. Without the final gel-coat topping, One could easily use these surfaces similar to "Velcro"; everything would attach itself to the surfaces.

The gel-coat is made of a specific chemical that is more like a liquid rather than a solid; it constantly moves to "flow" into the crevices of the fiberglass end projections. Its chemistry is exotic and can be penetrated easily with cheap chemicals and pressure sensitive pin-points. Carpeting and reground/recycled plastics meet this criteria for easy attack. "Blistering" is a term used frequently when discussing hull damage with an expert in gel-coat hull repairs. The gel-coat surface is marked like a "waffle" when time, pressure and cheap chemicals are present. All marine grade carpeting is NOT the same. In fact, No One knows just exactly what is in the carpet fibers or jute backing thus many hulls are damaged due to this unknown fact. Also, nearly all of the current "dock bumper" cheap profiles sold today for dock edging and dock bumper stock is of this "unknown" recycled/reground materials; most of which is pop bottles, packing materials and restaurant debris. Just pure mixed trash.

BUNKAPS fortunately (as per the design) is specifically made from 100% pure virgin vinyl that has never been used or exposed to any of the massive environmental chemicals or detriments. Being virgin means exactly that; free from any kind of foreign contamination what-so-ever. Using this raw material is not cheap but it does allow for the formation of an extrusion that will not chemically attack or render "blistering" to the gel-coat chemistry or bond. Quite simply, the virgin vinyl works "in concert" with the gel-coat chemicals to resist any attack as it is put under pressure and time. Even anti-mildew chemical agents can stay imbedded into pure virgin vinyl whereas it begins immediate "leaching" when cheap regrind/recycled products are extruded. Mildew can also attack gel-coats. It is a "living orgasm" that develops acidic chemicals to help break-down other barriers of chemicals and surfaces. It can quickly destroy the best known paints and protective surfaces. Pure virgin vinyl does not let this happen; with embedded anti-fungicides, no mildew is cultured.

Virgin vinyl plastic is molecularly stronger than mixed recycled plastics and holds agents like anti-mildew and UV sun protection chemicals at least twenty times longer. "Leaching" and "powdering" is far less of a concern with vinyl because the molecules bond tighter and help hold in retardant chemicals. "Junk" recycled and reground materials want to be degrading as soon as possible thus rejecting sun agents and anti-fungal chemicals as soon as possible. By retaining their chemical composition even during high pressure and long periods, virgin vinyl will not attack gel-coats because there is no need to begin degrading or decomposition. Even the chemicals in marine carpet begin to breakdown as soon as the carpet is made thus causing "blistering" in the gel-coats of boat hulls. Sometimes, one can even have their eyes tear-up when marine carpet sets enclosed for long periods of time.

BUNKAPS are so far superior than all other products that we are the only producer that has Patented our designed products and warrants this type of product for Ten (10) Years from original purchase. Besides being stable for a much longer time, extruded pure virgin vinyl is very strong and cleans simply by using common soap and water. BUNKAPS are proven to be the very best material for boat trailers and boat lifts also. The sliding surface resists wear and when wet, is very slippery and reduces friction. Any other material used as a bunk cover is not designed to be used for boat storage, trailer bunks or boat lift bunks because the raw materials were not pre-engineered into the functionality of the end product. BUNKAPS are designed specifically for this very purpose and will outlast any other product used as bunk covering.