

PINK STAIN AND VINYL COATED FABRICS

WHAT IS PINK STAIN?

Pink stain is not actually mildew. Rather it is a by-product of a specific type of bacterial micro-organism. This microorganism produces a by-product, a dye, which is soluble in plasticizer (a primary ingredient in vinyl coated fabrics) and will stain any vinyl coated fabric it comes in contact with. Therefore, even a vinyl coated fabric that is properly protected with an anti-fungal agent will stain if the vinyl coated fabric comes in contact with the pink bacteria by-product.

It follows then that in marine applications care should be taken in the construction of vinyl coated fabric covered items to prevent bacterial and mildew growth. In order for bacteria and mildew to grow, moisture or water vapor is needed. Thus, seams should be water tight, if possible. Seats should be constructed so that the foam cushions do not become saturated with water and will dry out quickly if they do get wet. Foam cushions, padding, wood frames and other components should be formulated or treated with an efficient anti-microbial agent. If bacterial growth proliferates on wet and untreated substructure components, the pink stain by-product will gradually work its way to the surface and stain the vinyl coated fabric, even if the vinyl is well-protected against bacteria and mildew. Once constructed, all vinyl coated fabric cover items should receive "frequent and proper cleaning" - with special attention given to crevices where dirt and water can be trapped.

All Spradling marine quality vinyl coated fabrics contain proven antifungal/antibacterial agents; in sufficient amounts to provide years of mildew-free use. However, the best protection against pink stain is to construct marine and outdoor seating and trim pieces in such a way as to reduce moisture and dirt retention, and to incorporate components that have been properly formulated and/or treated with an efficient anti-microbial agent.

BOAT OWNER RECOMMENDATIONS

It is wise that boat owners cover their boats when not in use. Allow adequate venting to avoid trapping moisture to assist in reducing the adverse effect of continuous sunlight, which can degrade upholstery components over time and shorten the service life of exterior upholstery.

Boat owners should refrain from stowing wet towels, all-weather gear, swimsuits, etc. inside their boats. Cabinets and lockers should be opened, if possible, to aid in air circulation. Moisture absorbing desiccants will aid in controlling interior moisture.