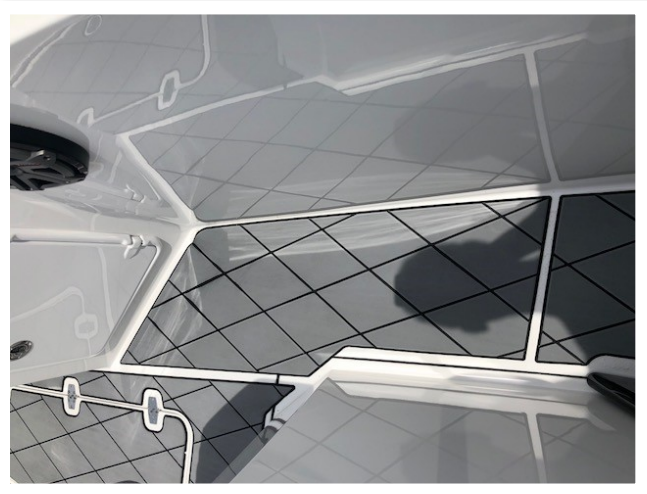


Light Amplification

What is Light Amplification?

Light Amplification is an environmentally induced phenomenon that takes place when focused sun reflects/refracts off of a surface.

In certain applications and under certain conditions, Light Amplification can occur in areas with vertical surfaces and/or highly reflective hardware, gelcoat, stainless steel, etc. This occurrence can expose SeaDek to temperatures above the maximum operation temperature of 165°F (73°C). We refer to this as Sunburning.



Areas Deserving Special Consideration

Chrome/Reflective Surfaces

Placing SeaDek on or around reflective surfaces such as a windshield or polished chrome is not advised. It is recommended that objects such as pool toys and water bottles not be left on SeaDek, as they have the ability to refract light which can be destructive.



High Walls

Placing SeaDek in areas with high, reflective vertical surfaces is another instance where light amplification can occur. Applying 3mm thick SeaDek pads along high walls can aid in reducing the reflection from the sun.



Mitigation Techniques

Choosing lighter colors and adding mitigation pads to vertical surfaces can reduce the occurrence of Light Amplification, however, damage will not be covered under our standard warranty if your pads experience Sunburning.

While SeaDek products are very durable, minimizing exposure to the elements will extend the lifespan of the pads, as well as minimize the fading of color. For this reason, it is recommended that boats be kept covered or indoors when not in use if possible.

Warranty Considerations

Please see Section II in the SeaDek Limited Warranty for further details.

