

Light Amplification

What is Light Amplification?

Light Amplification, also known as Sunburning, is an environmentally induced occurrence that takes place when focused sun reflections/refractions causes burning of SeaDek pads.

In certain applications and under certain conditions, SeaDek applied in areas with vertical surfaces and/or highly reflective hardware, gelcoat, stainless steel, etc., can expose SeaDek to temperatures above the maximum operation temperature of 165°F (73°C).



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 Light Amplification occurs.

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 order indoors when not in use if possible.

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 the high walls can aid in reducing the reflection from the sun.



Warranty Considerations

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