



Light Amplification

What is Light Amplification?

Light Amplification is an environmentally induced phenomenon that takes place when focused sun reflects/refracts off 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 U-Dek 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 U-Dek 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 U-Dek, as they can refract light which can be destructive.

High Walls

Placing U-Dek in areas with high, reflective vertical surfaces is another instance where light amplification can occur. Applying a 3mm thick U-Dek mitigation pad 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 damage, however, will not be covered under our standard warranty if your pads experience sunburning.

While U-Dek 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.



OCCY DECK

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Warranty Considerations

Please see the U-Dek Limited Warranty for further details.

By signing below, I hereby acknowledge that I have completely read and fully understand what Light

Amplification is, how it may occur, and that it is not covered under the U-Dek Limited Warranty.

Acknowledge By (Print Name): _____

Signature: _____

Date: _____

