



Non-Skid Marine Traction

Technical Application Bulletin (TAB)

July, 2015

Light Amplification

1. The sun can reflect off gel-coat surfaces to damage the SeaDek product.

For certain applications and under certain conditions, SeaDek applied in the cockpit and other areas with vertical surfaces and/or reflecting off hardware/stainless, etc., can expose SeaDek to temperatures above the operational temperature of 165°F (73°C).

2. Lighter colors reduce the Light Amplification problem.

However, it will not be covered under our standard warranty if Light Amplification occurs. Other material problems will still be covered.

3. After installation, the preferred method of storage is that the boat (or any other surface of application) be covered.

SeaDek pads are very durable, but they will last longer and the colors will fade more slowly if they are not exposed to the elements when not in use. Examples include keeping the boat; in a garage, covered with a canvas boat cover, in a covered boat slip, etc.

Situations to Avoid:

Inflatable pool toys or water bottles stored long-term on SeaDek, or placing SeaDek near reflective surfaces or beneath glass as detailed in Section II in the SeaDek warranty.

These objects can refract/reflect light, thereby concentrating the beams to a level which can be destructive to the SeaDek pad.





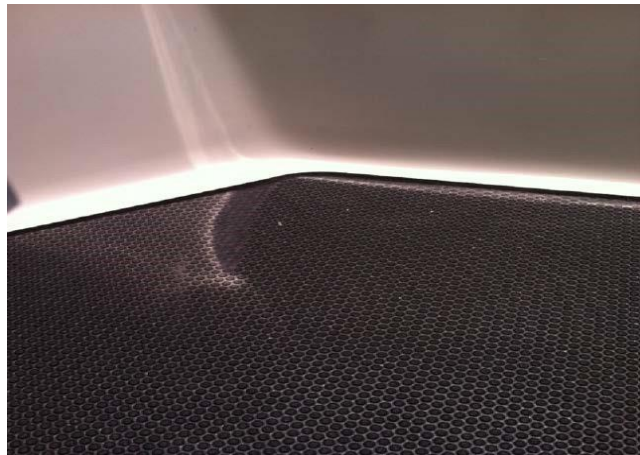
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Example of Light Amplification effect occurrence.

Burned SeaDek:



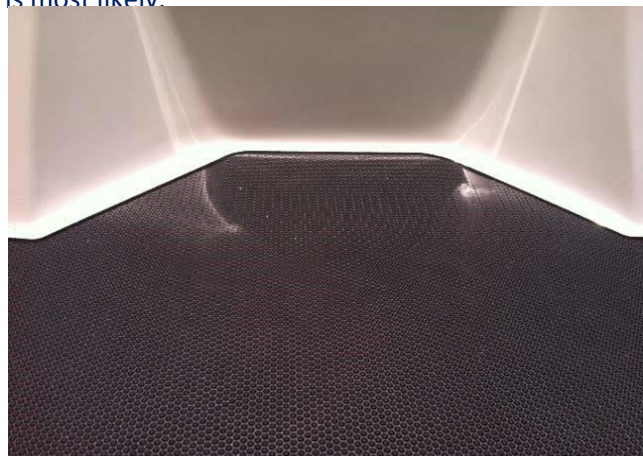
Reflection at certain angles.



Example of extreme burning



Concave areas of the gel-coat are where the occurrence is most likely.

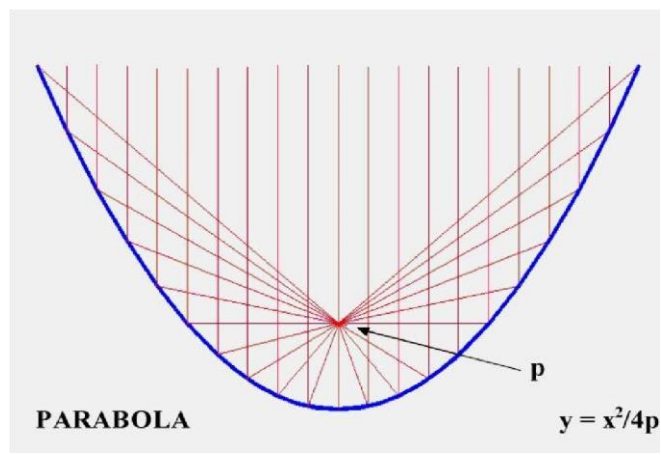




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Due to the geometry of certain surfaces, a focal point
The problem can be stopped with simple geometry

(as can develop seen on this Yamaha boat).



The angle doesn't matter. If the angle changes, the focal point can change.

