

DIRECT SUNLIGHT ON VINYL FLOORING

Key Considerations, Risk & Product Solutions

SUNLIGHT

Why direct sunlight is a problem?

Extended direct sunlight can heat an isolated area up to temperatures that flooring can not withstand. The direct sunlight surface area can heat up to temperatures above 120 degrees fahrenheit

PROBLEM: EXPANSION & CONTRACTION

All building materials expand and contract based on environmental conditions.

Environmental conditions that cause buildings materials to expand and contracts monolithically it can be compensated with expansion transitions and expansion gaps.

INDUSTRY ISSUES

Excessive and extreme direct sunlight on vinyl flooring is an industry wide issue. Some products perform better than others, but all have some tolerance issues when subjected to direct excessive and extreme sunlight.



PLEASE ALWAYS READ INSTALLATION INSTRUCTIONS. THIS PAMPHLET IS
NOT A REPLACEMENT FOR MANUFACTURER INSTALLATION INSTRUCTIONS.

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FLOORING & PRODUCTS SOLUTIONS



FLOORING SOLUTIONS

Rigid Core

Floating click flooring is highly stable and resists temperature fluctuations. They remain laying flat when other flooring will buckle. Their unique multi-layer flooring resists expansion and contraction.

Climate Guard

Climate guard products are able to withstand temperatures from 0 degrees to 140°F after the initial installation period. Temperature range must be gradual, no more than 20°F per day.

PRODUCT SOLUTIONS

UZIN KE-66 “Close The Gap” Adhesive

You might consider gluing down the flooring rather than a loose lay click.

When gluing vinyl flooring to the substrate, it is important to use an adhesive specifically designed to reduce expansion and contraction.

Uzin KE-66 adhesive is fiber reinforced and keeps flooring in place, less expansion, less bubbling and gapping.



The Importance of Window Covering

Window coverings can act as a deterrent to excessive heating. Diffusing the direct sunlight and reducing surface temperatures.

