

## AVOID SURFACE ALTERING PRODUCTS

Most “rubber” or soft plastic products contain chemicals known as plasticizing solvents to achieve the desired flexible properties. These plasticized, flexible plastics include products such as “rubber” or vinyl mats, welcome mats, garden hoses, rain wear, plastic tarps, vinyl gloves, inflatable swimming pools and inflatable toys, etc. The plasticizers used to create flexible properties can sometimes leach out of the product. This is often observed as “the new car smell”, or the smell noticed when opening sealed packages containing flexible products such as rain wear or inflatable toys.



If these types of products are placed onto Zuri decking for extended periods and the plasticizers migrate out of the product, there can be a chemical reaction that may alter the decking surface. If a reaction occurs on the decking it can have the same effect on the decking as its intended use in the flexible product. While it is unlikely that enough plasticizer could migrate out of the flexible product to change the structural properties of the decking, there can be enough plasticizer leached to change the surface aesthetically. Most often this will appear as a shift in color such as whitening, fogging or a hazing appearance on the surface.

Most flexible plastic products should not be used or laid directly onto the surface of Zuri for prolonged periods of time. Use of such products could cause aesthetic changes in the surface and void the warranty.

Following is a non-inclusive list of the type of products to avoid using directly on Zuri decking for lengthy periods:

- Rubber mats
- Vinyl mats
- Latex mats
- Inflatable swimming pools
- Inflatable pool toys
- Garden hoses
- Rain wear
- Plastic tarps

## HEAT RETENTION

Zuri decking is designed to simulate the rich, dark colors of exotic hardwoods that have been finely finished. These dark colors tend to have heat buildup that might feel quite warm on a hot day with direct sunlight. Very dark colors can build up temperatures as much as 90° F above the ambient environment. While temperature is a major factor as to how hot a surface feels, there are other factors that contribute to how rapidly heat can be transferred from a material into the skin. For example a steel plate that is 130° will feel much hotter than a piece of wood that is 130° because it can transfer heat into the skin much faster than wood.

Zuri decking has heat buildup values that are very similar to several popular species of wood commonly used for decking that have been finished. The following table illustrates Zuri decking as compared to similar hardwood species that have been finished with a Helmsman Spar urethane coating.

Finished Wood Species	HBU*	Zuri Color	HBU*
Pressure Treated Pine	71	Chestnut	68
Mahogany	73	Pecan	71
Garapa	74	Weathered Gray	76
Cumaru	76	Walnut	77
IPE	77	Brazilia	78

\* HBU (Heat Build Up): A measure of temperature gain of a surface that is exposed to direct sunlight.



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MAINTAINING THE  
LONG-LASTING BEAUTY OF YOUR  
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*Congratulations on your informed decision to install Zuri® Premium Decking by Royal. Your Zuri decking requires very little maintenance, but does require occasional attention to ensure a long, problem-free product life.*

### **STAINS**

The decking is highly resistant to stains from ketchup, mustard, sodas, punch, salad oil, barbecue sauce or other food products commonly found in a decking environment. When these stains or spills do occur, they should be cleaned quickly, within one week of the spill, using nothing more than a mild detergent and water. Left to dry for extended periods of time, these types of stains may become more difficult to remove. Should this occur, using mild detergent, water and scrubbing with a terry cloth rag, sponge or soft bristle brush should be sufficient to remove most stains. Stubborn stains may be removed by pressure washing with a maximum of 2700 psi and a 25 degree or greater cone nozzle. Excessive pressure with aggressive cone nozzles could cause damage to the board and void the warranty.

Products that have been tested and found safe to use on Zuri decking include:

- Soap and water
- Glass Plus Cleaner
- Formula 409 Cleaner
- Liquid Comet Cleaner
- Spic and Span
- Clorox Bleach
- Mr. Clean Cleaner
- Sodium Hydroxide
- Mr. Clean Magic Eraser
- Deck Max Cleaner
- Soft Scrub Cleaner
- Deck Max Revitalizer

### **ICE IN WINTER**

Calcium chloride may be used to prevent or remove ice. Salt based products can leave behind a white deposit that can be easily cleaned with water. Use of steel implements such as shovels, rakes or picks can damage the deck and should never be used to remove ice, debris or other materials from your deck. Such use of steel implements will void the warranty.

### **INSECT REPELLENT AND SUNSCREEN**

Some insect repellent and sun screen products have been found to leave a hard, clear, glossy coating similar to lacquer, paint, or polyurethane when allowed to dry over an extended period of time. This clear coating can become difficult to remove if allowed to dry. If feasible, please apply these products away from your deck area or place a towel or appropriate covering when applying as inadvertent overspray may damage the deck finish. If repellent or sunscreen does come in contact with the deck, clean immediately to reduce the risk of adhesion to the deck surface. Magic Eraser has been tested and works well to remove residue if used early (less than 24 hours).

### **FASTENERS AND DECK FRAMING**

Fasteners and the framing structure should be inspected, at a minimum, semi-annually to ensure the boards are properly secured. If fasteners or the structure are found to be defective or damaged, repairs should be made immediately. Failure to inspect and maintain the framing structure and fasteners will void the warranty.

