fiberon
The Decking Solutions Company

Technical Bulletin #12

Use	**Using Fiberon Decking with Fire and Unusual Heat Sources** Fire and unusual sources of heat and heat build-up can possibly damage Fiberon decking surfaces. Examples would include fire, reflected light from low-e glass, fire features and under-deck waterproofing installations that do not provide the six inches of net free ventilation.
Fire Features / Fire Pits	Fire features and fire pits are increasingly popular in outdoor living environments. Fire can damage many building products including Fiberon decking. Improperly install fire features and fire-pits can cause damage to the surface of decking via direct exposure to the flame or excessive radiant heat. Proper caution should be taken when designing, installing and using these features to ensure damage does not result.
Radiant Heaters	Propane and electric radiant heaters can greatly extend the enjoyment of the outdoor living environment as the season turns cold. As a general rule, properly placed, and functioning, radiant heaters are not a problem with exterior building materials. Improperly placed or improperly functioning, radiant heaters can pose a threat of damage or fire. Avoid close proximity and any contact with such systems to the actual deck or rail surface. If the radiant heat is too hot for your skin at the deck or rail surface, it may damage your Fiberon decking or railing. Exercise caution when using these devises to prevent injury and damage.
Low-E Glass / Reflected Heat	Low-emissivity glass is designed to prevent heat gain inside the house by reflecting sunlight outward. This reflective property can result in excessive heat built on the surface of Fiberon decking. The properties that Low-E glass employs to prevent passive heat gain within a structure can result in unusual heat build-up on exterior surfaces. When the sunlight is reflected and concentrated, it can harm a range of building materials that include doors, windows, siding, trim and decking. Damage caused to these products can include melting, sagging, warping, discoloration, increased expansion and contraction and accelerated weathering. If you have questions on how to reduce this risk, contact the manufacturer of the product which contains the Low-E glass for suggestions on how to reduce or eliminate the reflected heat.
Under Deck Water Proofing Systems	Under-Deck waterproofing systems, properly installed, can provide additional living or storage space. Improper installations are those that restrict air flow and result in build-up of heat and/or humidity which can result in wanted consequences. Contact the manufacturer of the specific Under-Deck Waterproofing System for installation instructions to ensure required six inches of net-free ventilation are achieved with Fiberon decking. If already installed, seek methods to achieve the ventilation requirement.