



How to combat artificial grass from melting

Why does Artificial Grass melt and appear scorched?

Artificial grass can melt as a result of intense heat being directly or indirectly applied to the Polymer in the yarn. When the temperature increases above the melting point of the Polymer it will cause it to disintegrate. This can happen in several scenarios:

- 1. Through sunlight reflecting off different surfaces in the surrounding area of the lawn:**
 - Windows – Can have a large surface area for sunlight to reflect off for a sustained period. The leading cause of this damage is energy-efficient Low-E glass, which uses a microscopic coating of metallic oxide allowing light to enter, whilst preventing radiant heat and solar heat from entering the room. This, in turn, reflects the heat away from the home, and magnifies it to a point of melting the turf.
 - Polished Gutters – Often dark colours which absorb heat and reflect light from their shiny surface.
 - Outside Decorative Mirrors – Reflects sunlight at a high intensity off a large surface area, melting the surrounding areas.
 - Reflective Panels – On doors, sheds, outbuildings etc. These can also have a big surface area which light can reflect off for a long time.

- 2. Through direct heat on the artificial grass:**
 - Direct Heat - Either through vandalism, cigarettes/cigars or stray embers/hot coals from a barbecue or fire pit. This kind of intense heat applied directly onto an artificial lawn can burn and melt the grass.
 - Chemicals like oil and grease - These liquids have harmful substances that can damage and discolour the artificial grass.

Please note, if Luxigraze Artificial Grass melts, due to intense heat being applied indirectly, or directly, it is not covered under our warranty.