

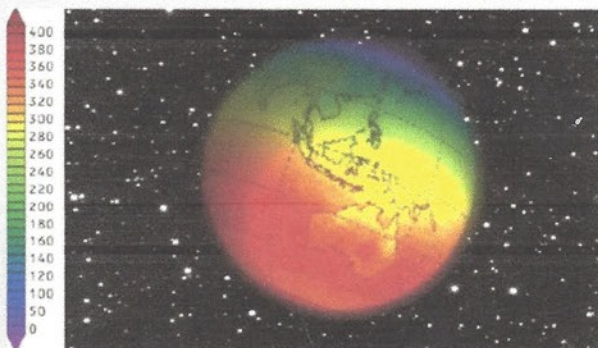
# AVOID HEAT DAMAGE FROM REFLECTED SUNLIGHT

## The effect of heat on artificial grass yarn, post manufacture:

In certain conditions, sunlight reflected down onto artificial grass from windows and other adjacent surfaces such as Colorbond fencing, may raise the surface beyond 80 degrees Celsius, sufficient to cause changes in the yarn.

APT synthetic grass is designed to withstand our harsh Australian climate to normal surface temperatures of approximately 65-75 degrees Celsius. If the installation is expecting higher temperatures than this, special precautions should be taken.

In some locations, particularly in summer, prolonged exposure to concentrated reflected sunlight may raise the surface temperature above normal conditions, causing the yarn to soften, resulting in pile shrinkage.



Extreme levels of Ultra Violet radiation bombard Australia in summer. In working with our yarn suppliers, APT have developed the best ways of tolerating it.

To avoid damage to artificial grass yarn, we recommend avoiding hot spots due to reflected sunlight. Leave a border between 60cm and 1 metre wide from the reflective surface to the turf. The border can be planted, paved, or otherwise landscaped.



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