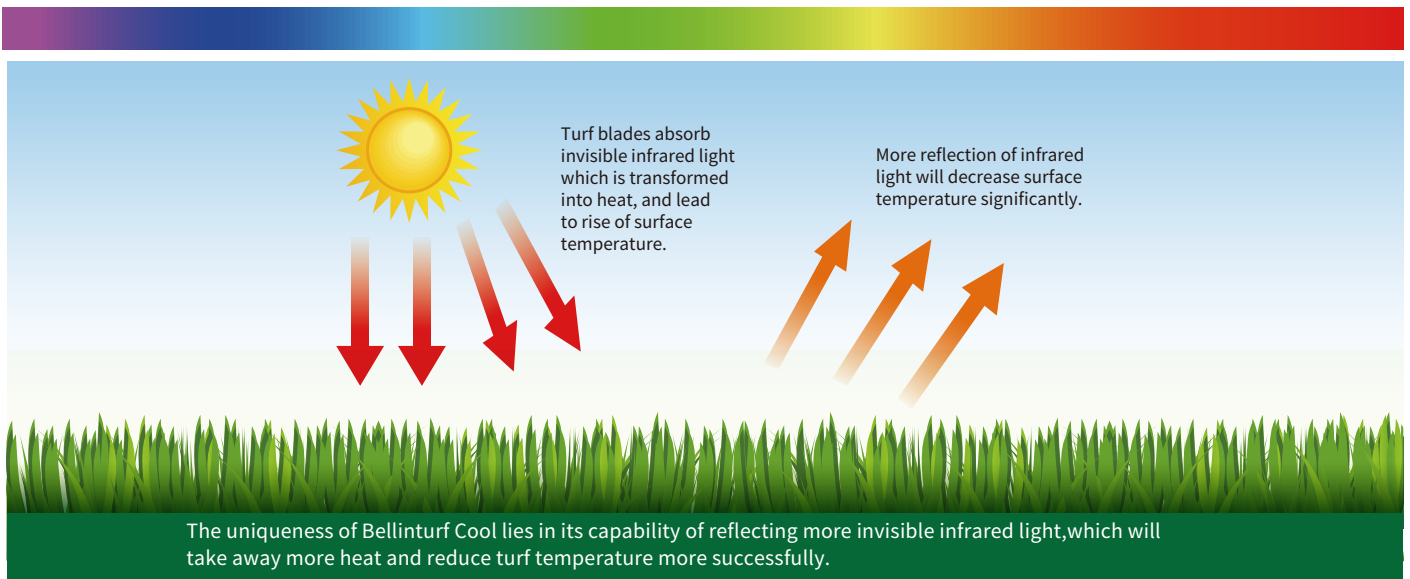




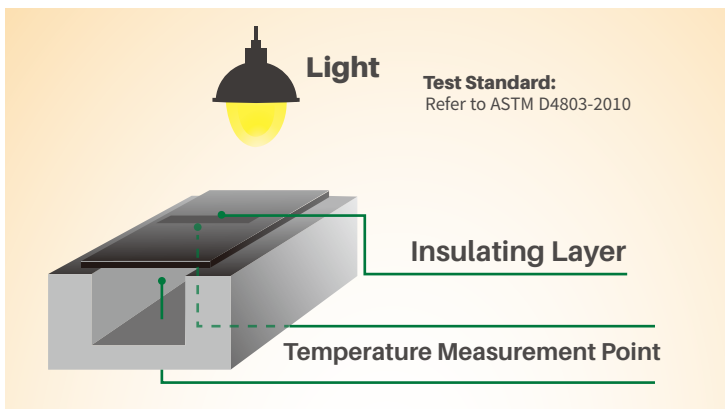
Bellin- Cool Grass

In hot summer months, surface of artificial turf is often very hot, people and pets feel uncomfortable and even get hurt if they touch the surface. With testing and research development, Bellinturf successfully designed Bellinturf Cool Grass, families and pets could achieve a good cooling feeling even in hottest days.



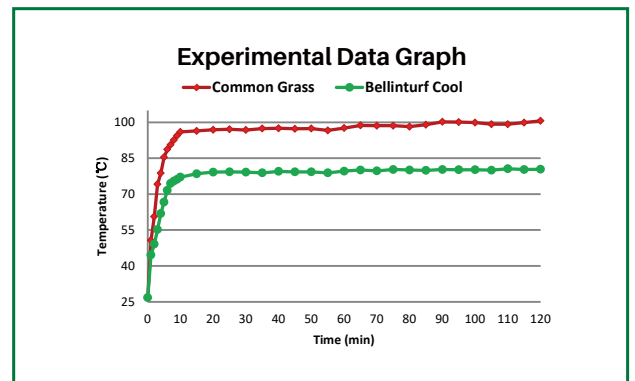
Experimental Method

Experiment 1 (professional testing method of the laboratory)



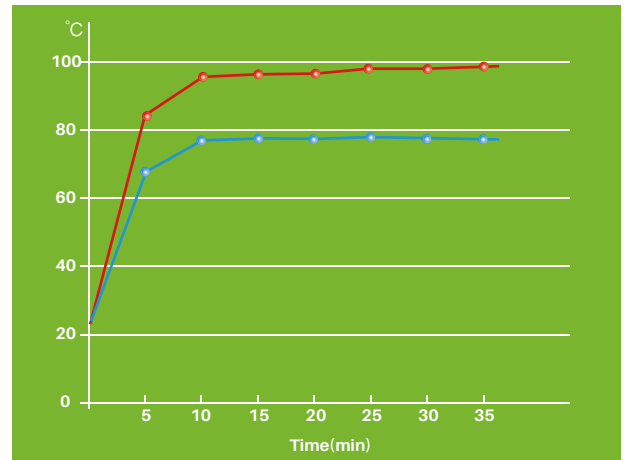
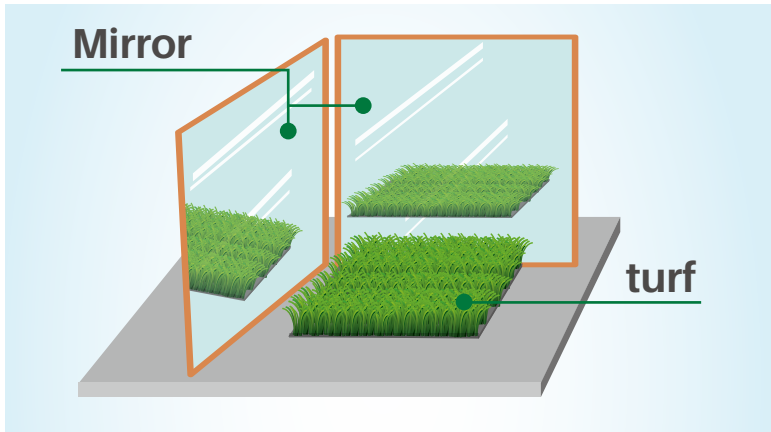
Use a 250W infrared heating lamp to simulate sunlight on the lawn.
Use FLIR infrared thermograph to monitor and record the temperature variation on the surface of the lawn.

Remarks: Above lab test under the outdoor environmental temperature 24°C and relative humidity 35%.



Our laboratory test lasted to 2 hours, the result shows:
Minimum temperature reducing by 15.7 °C, by 15%
Maximum temperature reducing by 23 °C, by 22%.

Experiment 2 (Because the terminal customer is inconvenient to use this device, we suggest them to use this simple method below)



Steps 1. Use two mirrors to reflect sunlight to raise the surface temperature above 77 °C.
 Steps 2. Put on the turf and use temperature measuring stick to measure the temperature.
 Steps 3. Record the data every 5 minutes and draw the temperature curve.

By comparing the temperature curve of ordinary turf and cool grass, it is obvious that the cooling effect of cool grass is good.

Products Specification



Turf Name : Bellinturf Cool 45
Pile Height : 45mm
Face Weight : 1.77kg/sqm
Coating : Polyurethane

Turf Name : Bellinturf Cool 35
Pile Height : 35mm
Face Weight : 1.3kg/sqm
Coating : SBR Latex

Turf Characteristics

- Heat resistance durability
- 5000 hours of anti-Ultraviolet Rays
- More significant temperature reduction capability- at least by 15%
- First choice for strong sunlight areas

Perfect for applications

Playground, Pet Grass, Backyard/front yard, Public park, municipality, etc..

