

PLAY UNDER OUR SHADE

Don't just take our word for it.

We conducted a heat study to test the impact of our shade structures on a playground.

WHAT DID WE FIND?

Temperature measurements were taken from July 2008 to October 2008 at two playgrounds. One was protected by an Apollo Sunguard shade structure. Another had no shade structure.

On July 2, 2008 at 2 p.m., temperatures read 167 degrees Fahrenheit on an unprotected playground surface.

In contrast, a temperature reading at 2 p.m. on the same day on a playground with an Apollo Sunguard shade structure measured 102 degrees Fahrenheit.





HOW HOT ARE SURFACES?

Our independent study confirmed that playground equipment gets hot. Really hot.

Grey Plastic Rock Formation						
Date Time of Day		Temperature (In the Sun) (Degrees Fahrenheit)				
July 2	2:00 PM	167				
July 14	4:00 PM	130				
July 31 4:30 PN		123				
Aug 6	4:00 PM	116				
Aug 7	2:00 PM	152				
Aug 12	11:30 AM	153				
Aug 22	1:30 PM	140				
Sept 5	2:00 PM	160				
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Plastic-Coated Metal Blue Platform Floor							
Date	Time of Day	Temperature (In the Sun) (Degrees Fahrenheit)					
July 2	2:00 PM	150					
July 14	4:00 PM	110					
July 31	4:30 PM	108					
Aug 6	4:00 PM	111					
Aug 7	2:00 PM	117					
Aug 12	11:30 AM	134					
Aug 22	1:30 PM	123					
Sept 5	2:00 PM	132					



Grey Plastic Slide						
Date	Time of Day	Temperature (In the Sun) (Degrees Fahrenheit)				
July 2	2:00 PM	160				
July 14	4:00 PM	123				
July 31	4:30 PM	115				
Aug 6	4:00 PM	118				
Aug 7	2:00 PM	140				
Aug 12	11:30 AM	140				
Aug 22	1:30 PM	136				
Sept 5	2:00 PM	145				



OUR SHADE MAKES A DIFFERENCE

Here's a look at what a difference our shade can make.

On Sept. 12, 2008 at 1:30 p.m., the temperature was 89 degrees. The surface temperature of brown orange rubber surface read 120 degree Fahrenheit. Beneath Apollo Sunguard shade, the temperature of the surface was 87 degrees.

1070						1200				
	157					120				
94°			Red Slide			87°	Bi	Brown-Orange Rubber Ground		
	Date	Time of Day	Temperature (In the Sun) (Degrees Fahrenheit)	Temperature (In the Shade) (Degrees Fahrenheit)		Date	Time of Day	Temperature (In the Sun) (Degrees Fahrenheit)	Temperature (In the Shade) (Degrees Fahrenheit)	UV Level
	Sept 17	1:30 PM	137	94 9		Sept 12	1:30 PM	120	87	9

On Sept. 17, 2008 at 1:30 p.m., the temperature was 89 degrees. The surface temperature of a red slide on a playground was 137 degrees Fahrenheit. Beneath Apollo Sunguard shade, the slide's surface temperature was 94 degrees.

Study conducted by Universal Environmental Strategies in 2008. Paid for by Apollo Sunguard.