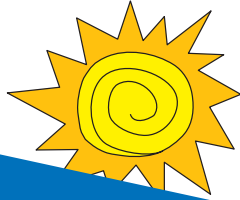


# BigToys®



# BigShade™

Tired of limited play times because of danger from the sun's damaging rays? Now you can take full advantage of your playground investment with BigShade



integrated shade towers from BigToys. Don't let the sun chase your children off the playground. With BigShade they can play throughout the day.

BigShade is designed and built to connect directly to the sturdy, 6" diameter recycled metal uprights using the same internal connectors and vandal resistant hardware found on all BigToys play equipment. This integrated approach to providing shade allows you to cover your BigToys without requiring additional ground mounted posts.



With BigShade's range of sizes you have the flexibility to provide effective shade over the heart of your BigToys play structure - small or large.

Individual BigShade covers are available in 18'x18', 20'x20' and even 25' x25' configurations

BigShade blocks up to 97% of all cancer-causing ultraviolet radiation. Additionally, the breathable fabric provides shade that is up to 20 degrees cooler underneath. This keeps sun from heating play surfaces that can often become hot enough to burn tender skin. BigShade allows children to have lots of outdoor fun and healthful exercise.

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## Why provide shade on playgrounds?

According to the American Academy of Dermatology (AAD), approximately 1 out of every 5 children in the United States will grow up to have some form of skin cancer. One blistering sunburn can double a child's lifetime risk of developing skin cancer. Most children accumulate between 50% and 80% of their lifetime sun exposure before age 18, so it's important to teach children how to play safely in the shade.



The AAD recommends that breathable shade fabric that provides 93% or more UV protection (UPF 15) be used over playgrounds along with "continuous shade designs" in lieu of shade created through multi-panel, sail type designs.

# BigToys®

## Green Playground Solutions

401 Chestnut St.

Chattanooga, TN 37402

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BigShade products are designed in accordance with the current Uniform Building Codes including the American Society of Civil Engineers (ASCE) wind loading and SBCCI Main Wind Force

Resisting Systems for winds up to 170 mph. Our structures are designed to meet American Institute of Steel Construction (AISC) or American Iron and Steel Institute (AISI) specifications.



- BigShade can be retrofitted on existing metal BigToys play equipment or designed into new BigToys projects.
- BigShade offers a variety of shapes and sizes up to 25' x 25' to meet the needs of shading BigToys play equipment specifically.
- Integrated design utilizes BigToys 6" diameter structural columns providing shade directly over the heart of the play area.
- Breathable fabric canopies lower the temperature underneath by 20 degrees while blocking cancer-causing UV radiation up to 97% (UPF 30+).
- BigShade is engineered for winds up to 170 mph (120 mph with cover on) and snow loads of 5 pounds per square foot.
- Our shade fabric passes the ASTM E-84 fire rating test as well as the NFPA-701 and is rated a Class 1 Material.
- BigShade fabrics are covered for 10 years and our frames for 50 years by a non-prorated warranty.
- BigShade uses a concealed, galvanized aircraft cable and stainless steel turn-buckle system to tension the fabric perimeter.

The American Academy of Dermatology (AAD) recommends that a breathable shade fabric that provides 93% or more UV protection (UPF 15) be used over playgrounds along with "continuous shade designs" in lieu of shade created through multi-panel, sail type designs.

### Fabric Color Choices

 Royal Blue  
Shade Value = 90%  
UV Protection = 97%

 Rain Forest Green  
Shade Value = 88%  
UV Protection = 95%

 Navy Blue  
Shade Value = 90%  
UV Protection = 95%

Please refer to the color chart above for fabric options. Due to variations in color printing, all fabric colors are approximate.