



**Nurturing Creativity Through Innovative Play™**

## **Design Guide II**

Designing a playground is much like working a puzzle, putting components together in a fun way that will fit into the area available, is appropriate for the age group intended, and conforms to all ASTM and CPSC, and IPEMA standards. When finished you have a fun work of art that will draw kids and adults alike.

This is intended to be a visual guide so customers, dealers, and Playtopia can be on the same page when designing their playground.

**Have fun designing your next playground!**

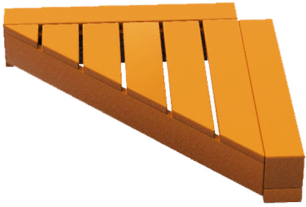


### **PLAYGROUND RULES**

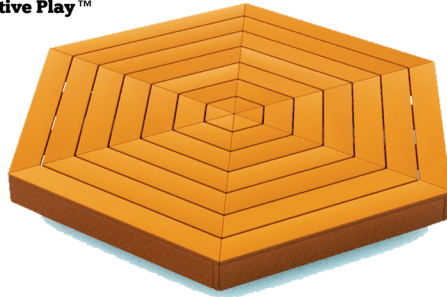
Open During Library Hours  
• Children under 12 must have  
adult supervision  
• No tobacco, alcohol or drugs  
allowed  
• No pets, skateboards or bicycles  
• Play safely at your own risk  
Trimble County Public Library  
303-255-7912



## Poly Decks, Bridges & Ramps



100-003  
Isocetes Deck



100-004  
Hex Deck



100-002  
Equilateral Deck



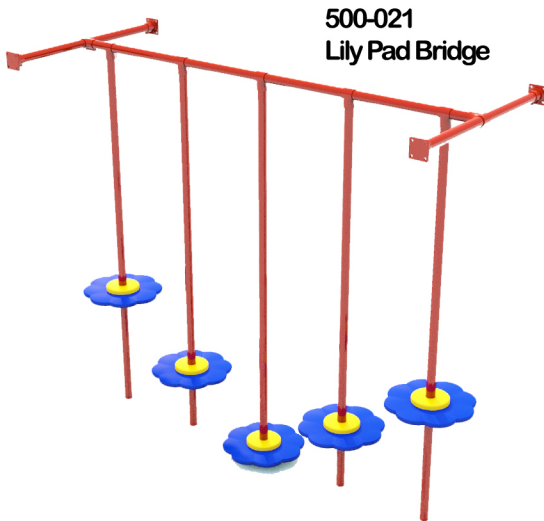
100-001  
Square Deck



100-010  
Tiny Arch Bridge



100-012  
Arch Bridge



500-021  
Lily Pad Bridge

Flowers are available in one or a combination of two colors



### Colors for Metal Handrails



100-015  
12' ADA Ramp

## Above Deck Panels

In addition to these panels,  
all above deck panels can be used

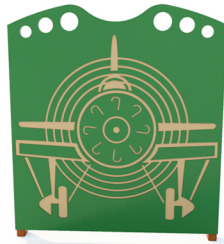
Panels are available in Natural or Primary at Ground Level and under decks higher than 48"

All above deck panels can be used

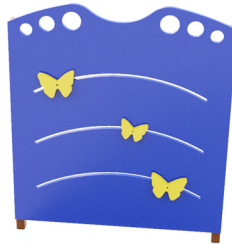
at Ground Level and under decks higher than 48"



Airplane Panel-Back



Airplane Panel-Front



Butterfly Panel



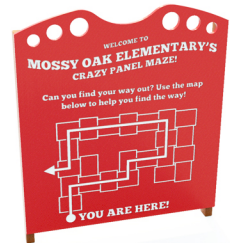
Custom Panel Front



Custom Panel w/Wheel



T-Rex Tic-Tac-Toe



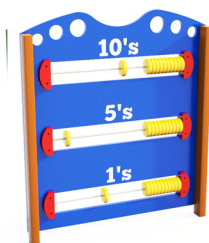
Crazy Maze Map Panel



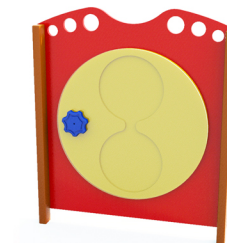
Chime Panel



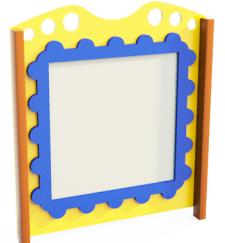
Finger Maze Panel



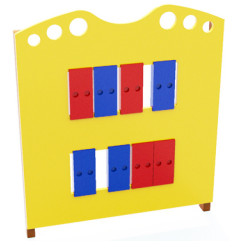
Math Counter Panel



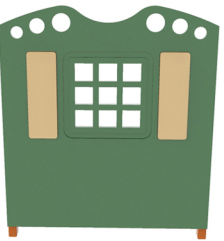
Hourglass Panel



Mirror Panel



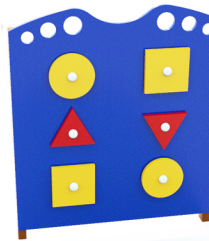
Slide & Peek Panel



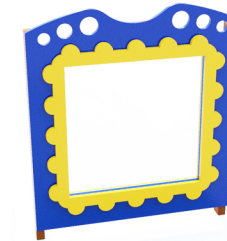
Window Panel



Spin Racer Panel



Spinning Shapes Panel



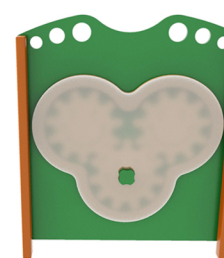
See Through Panel



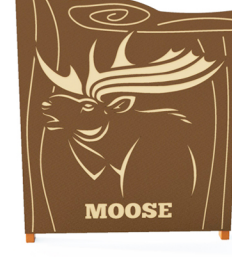
Tic-Tac-Toe Panel



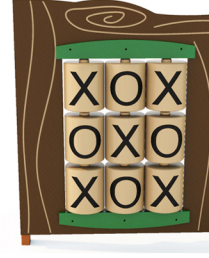
Nature Grizzly Panel



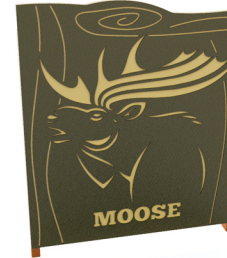
Sunshine Gear Panel



Noisy Spinner Panel



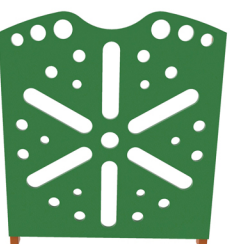
Nature Tic-Tac-Toe



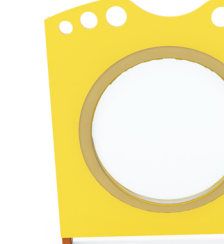
Nature Moose Panel



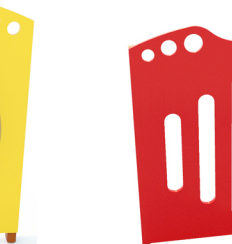
Mini Kerplinko



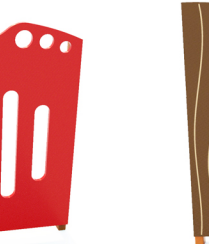
Starburst Panel



Bubble Panel



Slotted Panel



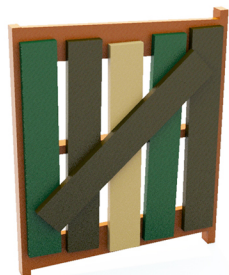
Ranger Lookout Panel



Bus Driving Panel



## Barrier Panels



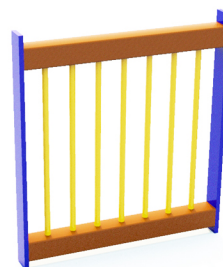
Clubhouse Picket Wall



Picket Wall Barrier Panel



Picket Wall w/Wheel  
Barrier Panel



Pipe Wall Barrier Panel

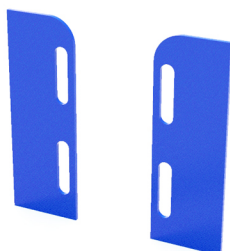


Pipe Wall w/Wheel  
Barrier Panel

## Entry Panels



Nature Entry Panel



ADA Barrier Panel



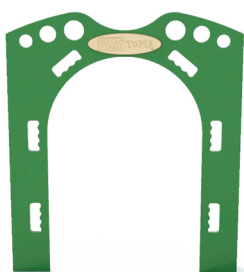
Entry D-Panel



Full Entry Panel



Offset Entry Panel



Full Climber Entry Panel



Single Slide Hood



Double Slide Hood

## Stairs



Stairs- 24", 32", 40", 48"



Deck-to-Deck Step



Transfer Step



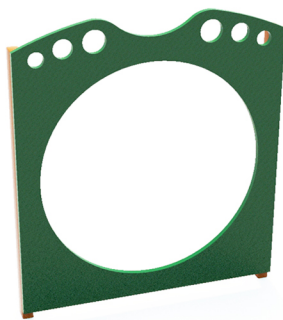
## Ground Level Activity Panels

For use under decks 48" or higher

Panels are available in Natural or Primary



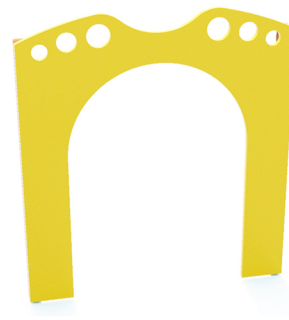
300-037  
Nature Crawl-Through Panel



300-004  
Crawl-Through Panel



300-066  
Gas-N-Go Panel



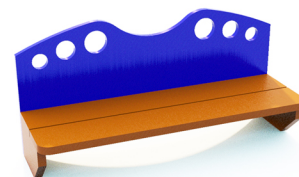
300-005  
Doorway Panel



300-002  
Bus Driving Panel

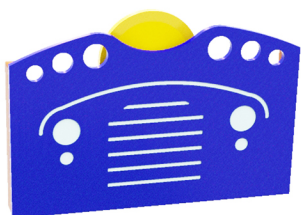


300-016  
Produce Stand Panel



300-025  
Under Deck Bench Panel

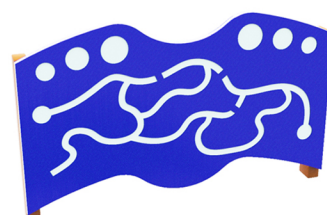
## ADA Ground Level Activity Panels



300-049  
ADA Bus Driving Panel



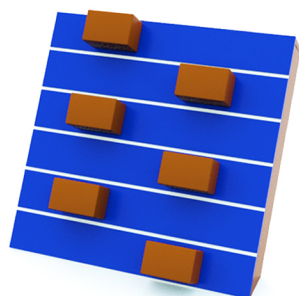
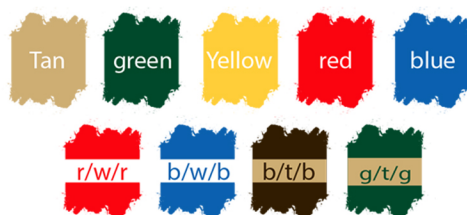
300-054  
ADA Gear Panel



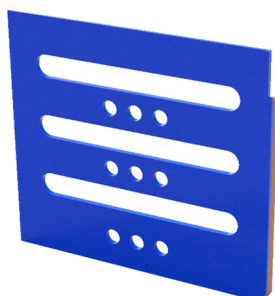
300-055  
ADA Finger Maze Panel



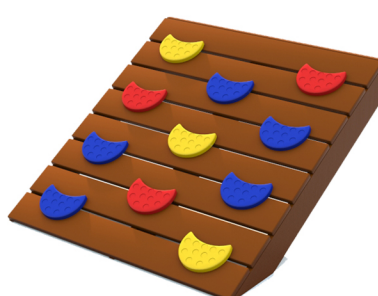
## Colors for HDPE Climbers



**400-004 Block Climber**  
24"-72" Decks



**400-063 Panel Ladder**  
16"-48" Decks



**400-050 Extra Wide Color Pattern Climber**  
24" or 32" Decks



**400-025 Rock Wall Climber**  
24"-96" Decks



**400-058 Disc Climber**  
24"-72" Decks



**400-004 Single Vertical Block Climber**  
24"-72" Decks



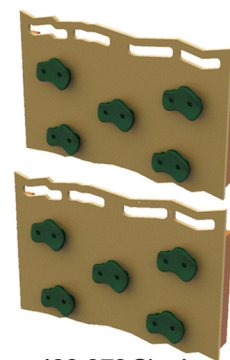
**400-011 Double Vertical Block Climber**  
24"-72" Decks



**400-090 Trek Climber w/Rope**  
16"-48" Decks



**400-070 Single Tread Climber**  
Accessible from ground only

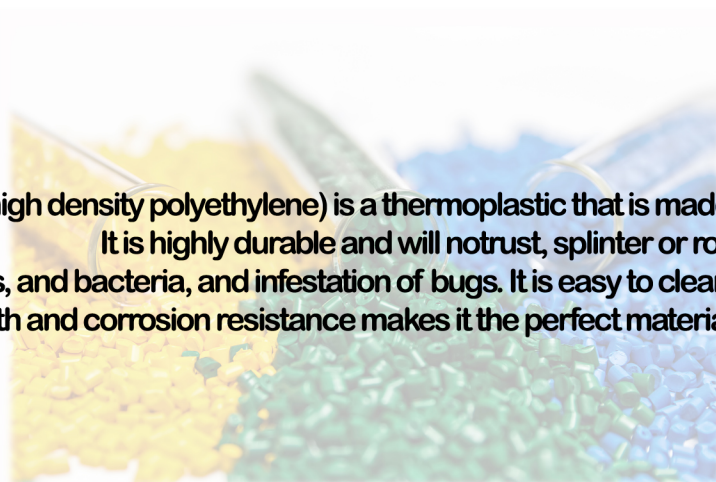


**400-070 Single Tread Climber**  
Accessible from ground only

HDPE (high density polyethylene) is a thermoplastic that is made from petroleum.

It is highly durable and will not rust, splinter or rot.

It resists mold, fungus, and bacteria, and infestation of bugs. It is easy to clean and will never need painting. Its high tensile strength and corrosion resistance makes it the perfect material for playground components.

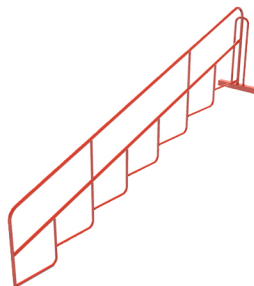




## Colors for Metal Climbers



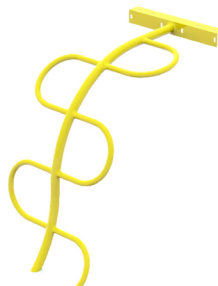
**400-035 Cargo Net Climber**  
Available only in brown  
24" or 60" Decks



**400-044 Mountain Climber**  
72" Decks



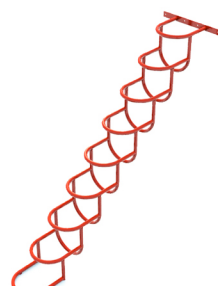
**400-048 Tree Climber**  
24"-72" Decks



**400-047 Snake Climber**  
48"-60" Decks



**400-049 Zipper Climber**  
24"-48" Decks



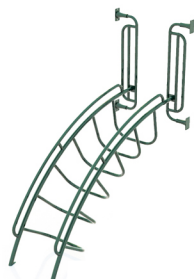
**400-042 Loop Climber**



**400-046 Sliding Pole Climber**  
24"-72" Decks



**400-043 Half Moon Climber**  
48"-60" Decks



**400-041 Arch Climber**  
24"-72" Decks



**400-045 Ring Climber**  
24"-48" Decks



**400-040 Coil Climber**  
24"-72" Decks



**400-038 Bubble Climber**  
24"-72" Decks



**400-053 Pipe Ladder**  
24"-72" Decks



**400-039 Clover Climber**  
24"-72" Decks

Our metal climbers are made of galvanized steel tubing for maximum strength and durability.

Our steel components are primed at the welded area and coated with 3-5 mils of powder coat to protect your playground from fading and rust.

Both the interior and exterior of all our galvanized steel parts have been through the Triple Flo-Coat® coating process to ensure greater corrosion resistance.



## Rotomold Deck Climbers

### Colors for Plastic/Rotomold Climbers



**400-037 Small  
Lava Wall Climber**  
24"-72" Decks



**400-036 Large  
Lava Wall Climber**  
24"-72" Decks



**400-068 Vertical  
Bedrock**  
72" Decks Only



**400-031 Galaxy  
Climber**  
48"-60" Decks



**400-034 Fredrock  
Climber**  
48"-60" Decks



**400-033 Bedrock  
Climber**  
36"-48" Decks



**400-029 Chain  
Link Climber**  
48"-60" Decks



**400-066  
Cliffhanger**  
64" or 72" Decks



**400-067 Dino  
Climber**  
64" or 72" Decks

Rotational molding, also referred to as rotomold uses LDPE (low-density polyethylene) to a mold that is both heated while slowly rotating horizontally and vertically.

This process fuses and distributes the resin to the inside surface of the mold creating seamless playground components with walls of the same thickness and thicker corners to absorb stress, resulting in playground equipment that is very strong that will last for years to come.

Some of the safest play components are derived from the process of Rotomolding due to there being no sharp edges or corners.

The rotomolding process processes vibrant and appealing colors bringing your playground to life!



## Colors for Plastic/Rotomold Tunnels



## Rotomold Tunnels

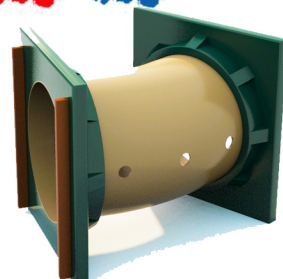
End Tunnel Panels are available in Natural or Primary



10000-013  
Camel Hump  
CTunnel



10000-012  
60-Degree  
Crawl Tunnel



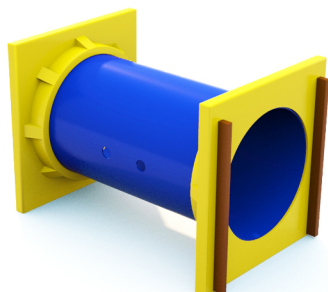
10000-009  
30-Degree  
Crawl Tunnel



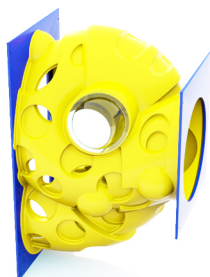
10000-010  
90-Degree  
Crawl Tunnel



10000-001  
24" Inclined  
Crawl Tunnel



10000-005  
60 Inch  
Crawl Tunnel



10000-014  
Single Bubble Tunnel  
Crawl Tunnel



10000-009  
45-Degree  
Crawl Tunnel

Rotational molding, also referred to as rotomold uses LDPE (low-density polyethylene) to a mold that is both heated while slowly rotating horizontally and vertically.

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Some of the safest play components are derived from the process of Rotomolding due to there being no sharp edges or corners.

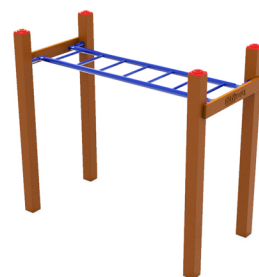
The rotomolding process processes vibrant and appealing colors bringing your playground to life!

## Metal Overhead/Ground Level Climbers

### Colors for Metal Climbers



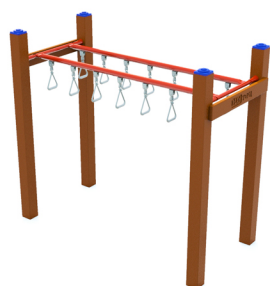
**500-012**  
Tri-Rung  
Overhead Ladder



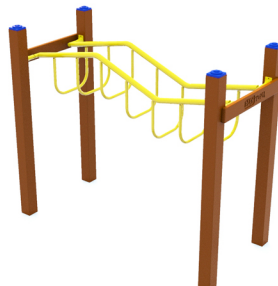
**500-009- Straight**  
Rung  
Overhead Ladder



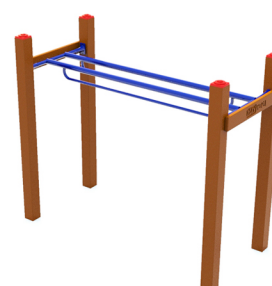
**500-010- Single**  
Parallel Bar  
Overhead Ladder



**500-005- Double**  
Trapeze Ring  
Overhead Ladder



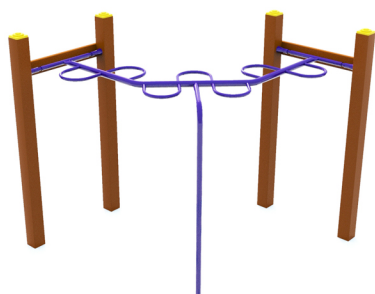
**500-006-Wavy**  
Rung  
Overhead Ladder



**500-008- Double**  
Parallel Bar  
Overhead Ladder



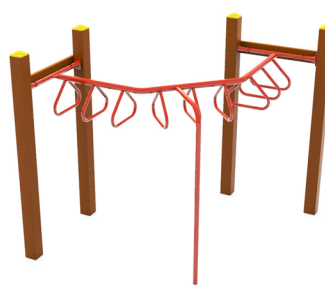
**500-011- Single**  
Trapeze Ring  
Overhead Ladder



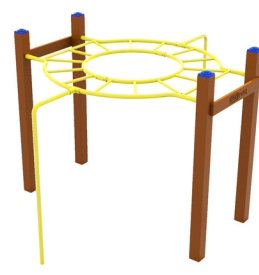
**500-001 90-Degree**  
Loop Rung  
Overhead Ladder



**500-002- 90-Degree**  
Trapeze Ring  
Overhead Ladder



**500-003- 90 Degree**  
Tri-Rung  
Overhead Ladder



**500-004- 360 Degree**  
Orbital  
Overhead Ladder

Overhead Ladders are suitable for ages 2-12 including ADA.  
Heights for different age groups will differ as the following:  
2-5 years of age-60", 5-12 years of age-72", ADA- 56"

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Our steel components are primed at the welded area and coated with 3-5 mils of powder coat to protect your playground from fading and rust.

Both the interior and exterior of all our galvanized steel parts have been through the Triple Flo-Coat® coating process to ensure greater corrosion resistance.

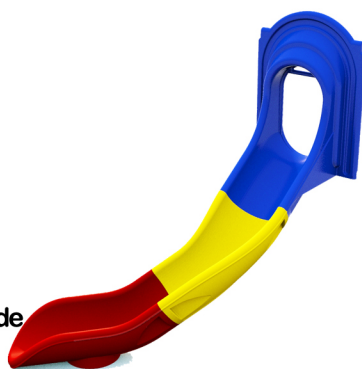


## Rotomold & Poly Deck Slides

### Colors for Plastic/Rotomold Climbers



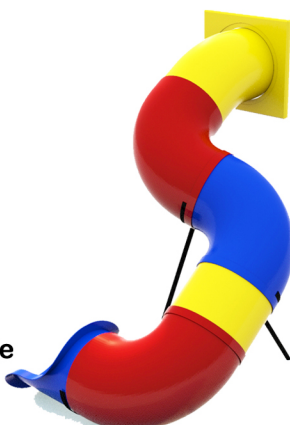
**900-007**  
Left Veer Chute Slide  
Available in:  
60", 72", 84", 96"



**900-008**  
Right Veer Chute Slide  
Available in:  
60", 72", 84", 96"



**900-028**  
Cobra Coil Slide  
Available in:  
60", 72"



**900-081**  
Reverse Spiral Tube Slide  
Available in:  
60", 96"



**900-031**  
Tube Slide  
Available in:  
24", 36", 48", 60",  
72", 84", 96"



**900-003**  
Straight Chute Slide  
Available in:  
36", 48", 60", 72", 84", 96"



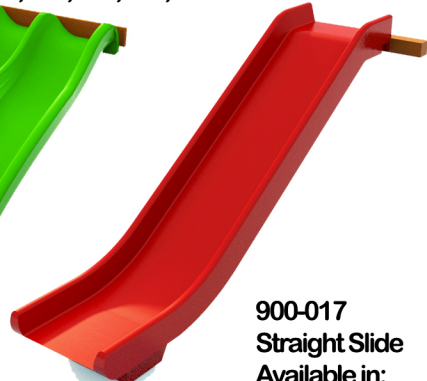
**900-027**  
Alpine Thunder Slide  
Available in:  
72" Only



**900-023**  
Duo-Glide Slide  
Available in:  
60" Only



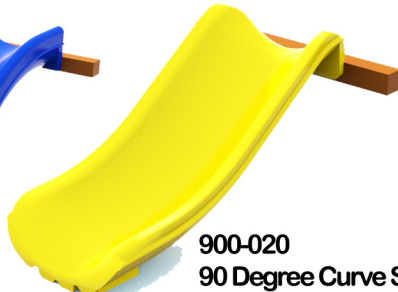
**900-022**  
Triple Rail Slide  
Available in:  
36", 48", 60"



**900-017**  
Straight Slide  
Available in:  
36", 48", 60"



**900-024**  
Wave Slide  
Available in:  
48", 60", 72"



**900-015**  
Scoop Slide  
Available in: 24"

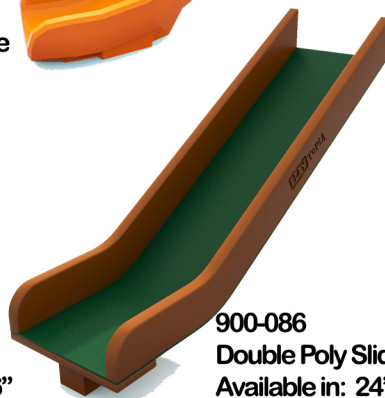


**900-020**  
90 Degree Curve Slide  
Available in:  
36", 48", 60"

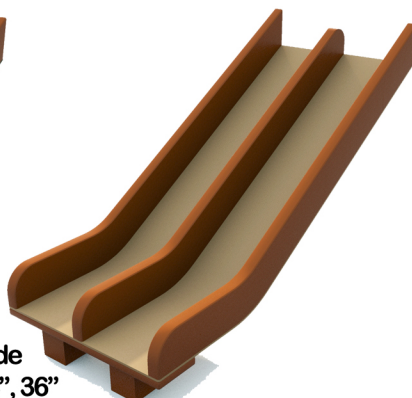


**900-087**  
Single Poly Slide  
Available in: 24", 36"

Poly slides are available in  
Natural or Primary

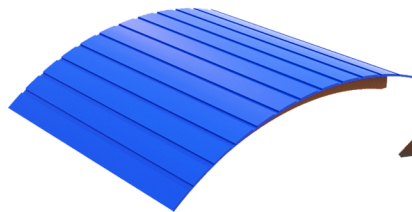


**900-086**  
Double Poly Slide  
Available in: 24", 36"



## HDPE Roofs

Roofs are available in Natural or Primary



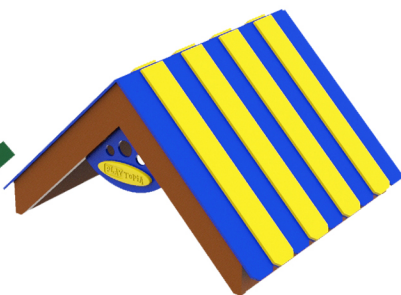
800-021  
Crescent Roof



800-037  
Slanted Clubhouse Roof



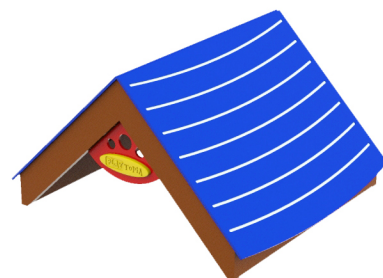
800-019  
Cabin A-Frame Roof



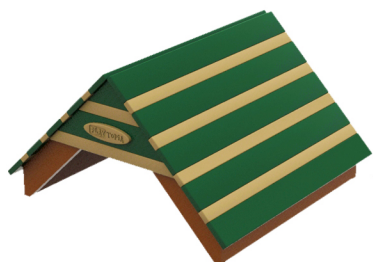
800-013  
Parlor Roof



800-003  
Mushroom Roof



800-001  
A-Frame Roof



800-015  
Cabin A-Frame Roof



800-010  
Clubhouse Roof



800-016  
Double Cabin A-Frame Roof



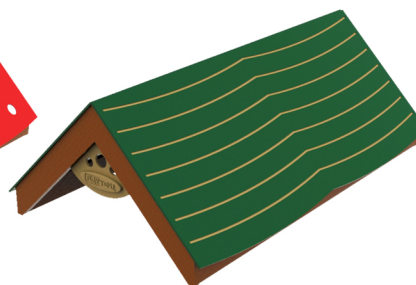
800-011  
Double Clubhouse Roof



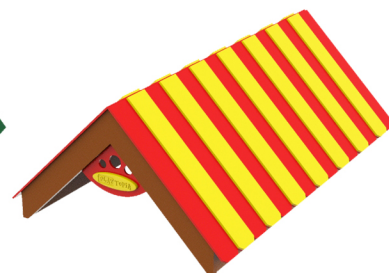
800-018  
Double Ramshackle Roof



800-004  
Double Mushroom Roof



800-002  
Double A-Frame Roof



800-014  
Double Parlor Roof



800-034  
Tree Topper Hex Roof



800-020  
Flower Topper



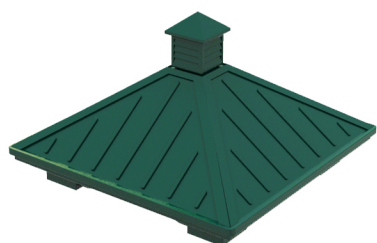
800-017  
Evergreen Tree Topper



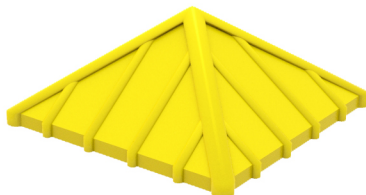
800-012  
Apple Topper



## Colors for Plastic/Rotomold Roofs



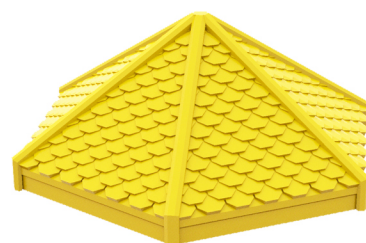
**800-030**  
Cupola Roof



**800-008**  
Pyramid Roof



**800-005**  
Gable Roof

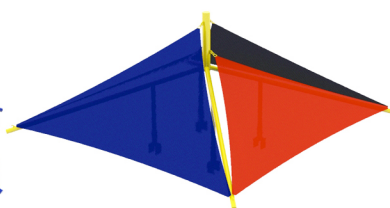


**800-006**  
Hex Roof

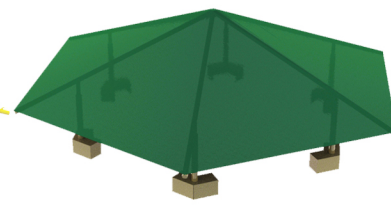
## Colors for Fabric Shade Roofs



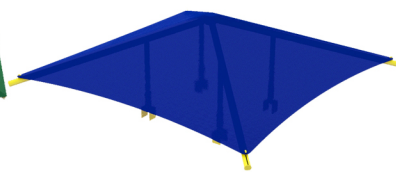
**800-025**  
Hex Sail Shade Roof



**800-026**  
Square Sail Shade Roof



**800-024**  
Hex Shade Roof



**800-007**  
Square Shade Roof