

## MATERIALS

Focusing on this generation - and the next - we engineer our playground products to be low-impact environmentally, safe, and enduring with the use of reclaimed plastic and stainless steel.

### Recycled Structural Plastic™



RSP™ – Recycled Structural Plastic™ is extruded in-house using 85% recycled #2 HDPE, by weight. The formula for RSP™ is roughly 30% internal plastic waste, 30% post-industrial milk jugs, 30% post-industrial Clorox bottles, with the remainder being colorant, structural fiber and UV protectant. Our proprietary formula, comprised of post-consumer and post-industrial plastics, prevents thousands of pounds and millions of plastic bottles from entering a landfills, waterways, and oceans. When you buy play equipment made from RSP™, you are part of the solution, not part of the plastic problem!

We've added **Slate** and **Mist** to the RSP™ color palette, in addition to our standard **Chocolate** and **Latte**. RSP™ is used for the structural framework of the playground, including upright posts and all decking.

**We turn milk jugs into playgrounds!**

### Formula continually improved since 2007

- Increased structural strength
- Increased rigidity
- Increased thermal stability



### Amazing RSP™ Benefits

- Low maintenance
- Graffiti resistant
- Will not rust, splinter, split or de-laminate
- Color throughout plastic – no fading or chipping
- Resistant to marine borers, termites, fungus, salt and oils
- Textured walking surfaces for safety - SureStep™ Decks
- Additional Stainless Steel reinforcement as needed
- Limited Lifetime Warranty on Posts and EcoColor components
- 100% BPA, Phthalate and “soft” PVC free
- Provides a life lesson to kids about good use of resources!

### RSP™ Applications

- Structural members (posts)
- Decking & Platforms
- Steps
- Railings



### SureStep™ RSP™ Decks

This **slip-resistant ridged RSP™** deck-board is our *proprietary* design for increasing friction and reducing falls so children can walk and run confidently on our products. The ridges also make the decks **cooler** to the feet with less direct sun contact.



### So, is plastic really environmentally friendly? **YES!**

We purchase post-industrial and post-consumer waste and prevent it from reaching landfills by recycling over a million pounds of plastic yearly! All Nature of Early Play products are made from recycled materials - primarily from post-consumer recycled HDPE plastic. Scraps and cut-offs of materials used in manufacturing are reground for extruding our plastic lumber or sorted for recycling elsewhere. By internally recycling, we have cut our use of plastic in half and saved millions of pounds of plastic from going into landfills. The end result is that roughly 50% of our RSP™ is from internally recycled material!

### SureGrip™ Metal Components

- Allied Steel Triple Coat Finish then Zinc galvanized inside & outside
- “Wrinkle ” powder coated to increase friction and reduce falls
  - Electromagnetically "baked-on" powder coating
  - Provides lasting color
  - 5 to 6 times longer corrosion free
- Stainless Steel welds
- Total Stainless Steel components available for sites near salt water
- Steel has 30 - 95% recycled content



### Wrinkle-Coat

We powder-coat our climbers and sliders with a uniquely strong and textured surface “wrinkle coat” to increase friction and reduce falls. Nature of Early Play is the only playground manufacturer currently using this slip-resistant powder coat. Steel pipe is used in all metal climbers, overhead climbers, ladders, and railings.

### Smooth Stainless Steel Welds

Welds are especially vulnerable to rusting due to paint chipping off and revealing raw steel beneath. But, we replaced our welding wire with Stainless Steel wire, and require our welders to create super-smooth welds, preventing jagged edges that are susceptible to chipping. This protects children from cuts, while preventing rusting in the process! Stainless Steel welds and plates have a 60% minimum recycled content.

## Stainless Steel Hardware & Attachment Plates

Rust-proof Stainless Steel hardware and attachment plates are standard on all Nature of Early Play equipment - features unmatched in the playground industry. We even offer a complete Stainless Steel upgrade for all metal on the entire structure - the solution for coastal environments where salt spray disintegrates galvanized steel and corrodes aluminum very quickly



## EcoColor Plastic

- High-Density Polyethylene with UV protection
- Signboard with duo colors is used to create contrasting graphics
- Industry-standard non-scratch orange peel texture
- Sheet plastic scraps are internally reclaimed and comprise 30% of RSP™ formula



## Roto-Molded Plastic

- LDPE (Low-Density Polyethylene)
- UV 8 additive to prevent fading

Due to characteristics of roto-molding, only UV Stabilized virgin plastics (LDPE) may be used to manufacture structurally-sound Slides, Tunnels, Panels and Roofs.



## Introducing Cloud!

This innovative material, in a contemporary grey tone, has a lightly textured, rubberized surface that provides young climbers with a better grip on climbing equipment. Rock handles stay firmly secure without spinning or turning. All playsets, as of 2020, will utilize this material for rock climbers.



In addition to rock climbers, we will incorporate the new material as flooring for all of our infant playsets. The texture is gentle to infant feet and knees, while it helps to prevent slips. The sheet also flexes under pressure, providing a friendlier feel. So, if little ones do take a tumble, the fall won't be quite so traumatic.

Caregivers will love the non-porous, washable surface as well. Any messes can be easily hosed off.

Neutral Cloud Grey coordinates beautifully with our RSP™ deck frames and posts.

## RSP ADVANTAGES

### What makes our RSP™ (Recycled Structural Plastic™) so much better than wood or metal?

#### ❖ Does not rust!

Rust on metal playgrounds is all too common, even those coated with plastic or PVC. Rust can injure children and shorten the life of the play system. When you buy Nature of Early Play equipment, made with RSP™, you don't have to worry! RSP™ is designed to handle the toughest elements that nature can dish out – with no rust!



#### ❖ Does not rot or splinter!

Wood playgrounds are gaining in popularity again, although wood is not a preferred building material for this use. Wood is susceptible to termite and bug damage, rot and splintering. It also requires a great deal of maintenance. RSP™ is just as easy to work with as wood, using the same tools, but without the disadvantages. Over the life cycle of a playground, a Nature of Early Play RSP™ set will far exceed the value of a wood play set.



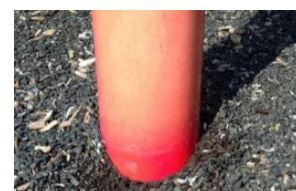
#### ❖ Graffiti resistant!

Any parent or park director will tell you that graffiti is an all-too-common problem for most playgrounds. Stickers, etching into posts, markers and spray paint all detract from the kid-friendly play environment. Our RSP™ makes graffiti removal very easy. Marker ink and spray paint come off with a cloth and light cleaning solution. Stickers also come off easily as they don't adhere well to RSP™. Small scratches "self-heal" into the material, while larger ones can be smoothed easily with no loss of color integrity.



#### ❖ Highly fade resistant!

On many metal playgrounds beautiful reds turn to pink, and yellows fade to a milky tan color – not the result you want when investing thousands of dollars into a play system. Nature of Early Play's RSP™ is highly UV and fade resistant. Our colors remain factory fresh and still look beautiful after years of service!



#### ❖ Does not chip or flake!

Nature of Early Play is committed to building playground equipment that wears well with use. Our RSP™ has consistent color throughout the entire post or board, which gives it the ability to conceal scuffs and scratches. Unlike painted metal posts, RSP™ has no outer layer that can flake off or get chipped away.



**Would you rather choose a metal or wood playset that will look good for only a few years -- at most -- or Nature of Early Play equipment that lasts for decades?**