

BigToys® *quickFacts*: Recycled Content

Recycled Content of BigToys® Playground Equipment Benefits LEED Projects

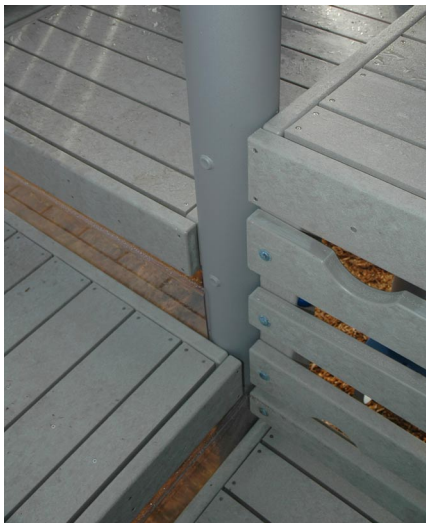
A growing number of municipalities, school districts and private developers are requiring some level of LEED certification for their projects under development. Many of these projects, schools and community centers for example, include play areas for children.

According to the U.S. Green Building Council (USGBC), the various components of the play area – playground equipment, surfacing, and site amenities – can be included in the assessment of overall recycled content for the project if the project is defined to include the play area. These potential credits fall under MR 4.1 and MR 4.2. High quality options exist for each of these items that incorporate high percentages of recycled content.

With regard to the playground equipment specifically, the recycled metal and plastic material option from BigToys can significantly benefit the assessment of recycled content. Please visit www.bigtoys.com for more information or contact your local BigToys representative for a green playground solution for your LEED project.

BigToys Recycled Plastic Decks, Enclosures and Roofs

- 100% recycled High Density Polyethylene (HDPE) from recycled post-consumer plastics
- One BigToys 9 board platform contains 1,015 milk jugs, keeping them out of landfills
- Contains no saw dust or organic material as found in Trex® – 100% HDPE material won't absorb moisture
- Low-pressure injected molding vs. extruding provides improved slip-resistant surface texture (meets ADA friction co-efficient requirements)
- 50 Year Warranty provided by manufacturer
- Contains UV inhibitors for color stability
- Load bearing components (i.e. deck support members) are fiber-reinforced
- Won't support a flame without an accelerant
- Used successfully in a wide range of environments from Alaska to Puerto Rico
- Graffiti can be easily removed with standard non-toxic cleaners



BigToys Recycled Metal “Column”

- Contains 74% recycled metal
- 6” outside diameter tubing (20% larger than competitor’s 5” diameter)
- Wall thickness = .109” / 12 gauge
- Tubing is roll-formed from pre-galvanized sheet steel
- Welded seam is “metalized” with a zinc coating
- Tubing is cleaned by shot-blasting to a “near-white finish”. Tubing is then coated and baked with an epoxy primer and then coated and baked again with a semi-gloss, textured polyester based powder coat finish in Cardinal brand Metallic Light Bronze color. This results in a Triple-coated BigToys “column”.
- Textured powder coating results in lower surface temperature compared to gloss finishes
- 50 Year Warranty from the tubing manufacturer

Column end fitting

- Heavy-duty, 100% recycled cast aluminum column end fitting is coated and baked with an epoxy primer and then coated and baked again with a semi-gloss, textured polyester based powder coat finish in Cardinal brand Metallic Light Bronze color.
- Cap connection to roof purlin bracket. Ease of assembly based on cap installation

