



Green Attributes of Plastic Bench Slat

Comparative information of plastic slat

- Not a laminate and will not crack, rot or separate in any outdoor environment
- Has zero porosity and will not absorb water
- More durable and requires less maintenance than wood products
- Colour pigment is all through the material, so a slightly scratched surface is less noticeable and less likely to be scrapped.
- The material presents no fire hazard as it must be preheated before ignition occurs
- The material is resistant to most chemicals.

Environment Information

- This plastic is made from a blend of virgin and recycled resins. The use of some virgin resin insures quality and consistency in the final product.
- Production incorporates sustainable manufacturing, which “use processes that are non-polluting, conserve energy and natural resources, are economically sound and safe for employees, communities and consumers.”
- This plastic is completely recyclable, in the same manner as milk jugs or plastic food jars
- The raw material, equipment and processes that combine to create our plastic emit no harmful gases or byproducts into the atmosphere. All material waste is recycled back into the original product.
- Fabricating and cutting produces no harmful dust, but instead small shavings that can be recycled.
- The plastic utilized contains no known harmful substances, including carcinogens, toxins or bioaccumulative material. If burned, no harmful gases are emitted.
- There is no off-gassing when the plastic is cut and fabricated.
- No acids or harsh chemicals are necessary for cleaning or maintenance.

Resins Sourced

- This plastic is made from only FDA approved resins that are formaldehyde free.
- The resin used fabricate this plastic have the most favourable NFPA (fire) and HMIS (hazardous material) ratings.

Green Standards

LEED For cabinets and furniture created with our plastic
2 points – MR credit 4.2, Recycled Content, LEED for New Construction
.5 point – MR credit 2.2, Environmentally Preferable Products, LEED For Homes