

Information about Recycled Plastics

Recycled plastic is a high-density polyethylene material (HDPE) made from post-consumer recycled plastic containers. The material is made to resemble wood but provides longer-lasting durability. This material does not include any other products such as wood pulp, wood fiber or fiberglass.

Aesthetics

Thomas Steele offers two styles of recycled plastic. Embossed Recycled Plastic and Standard Recycled Plastic.

Embossed Recycled Plastic



Birchwood (ERB)



Driftwood (ERD)



Mahogany (ERM)



Walnut (ERW)

Standard Recycled Plastic



Cedar (RPC)



Weathered Redwood

Performance and Durability

This material is graffiti- and UV-resistant and ideal for outdoor use as the material will not crack, splinter or rust. Recycled plastic does not absorb moisture, so it is extremely resistant to mildew, rot, insects, salt and acids. It will not leech or bleed toxins or carcinogens that would possibly end up in the soil or marine ecology.

The structural strength of recycled plastic is less than wood. Boards can sag under their own weight. Because of this limitation Thomas Steele only uses this material in products with adequate framing and support. Certain designs may not be available in recycled plastic.

Maintenance

This material requires minimal maintenance as there is no need for sealants. If cleaning is needed, it can be done with clear water or mild soap.

