



The RecycleDesign™ brand was developed by the Fahnstrom/White Design Partnership. Products have been added over time and the open-ended portfolio now consists of five “series”, each with a different appearance, performance and price point. Our intent is to demonstrate how superior quality HDPE profiles can be integrated with custom styled, aluminum and iron castings as well as fabricated steel and stainless steel components to develop well designed products for the site furnishings market. Our experience has shown that thoughtful designs, carefully crafted with quality intent and design value added are well appreciated by the A&D community. RecycleDesign™ products reinforce the value of using recycled plastics in product applications. Intelligent detailing provides appropriate structure while integrating dissimilar materials with high coefficients of expansion. Numerous design awards and international recognition confirm the value and acceptance of products designed both for appearance and performance.

Dale Fahnstrom

Ordering Information

RecycleDesign™ Product Portfolio:

- VictoriaSeries
- InfinitySeries
- CitySeries
- BalanceSeries
- ParkSeries

Ordering Information:

The dated price list shows current ordering and pricing information. More specific information about product lines is available in RecycleDesign™ Series brochures and at www.RecycleDesign.com.

Product lines are organized by Series. Each Series has a specific design character and varies in size and detail as well as product scope, to provide style, installation and cost selection.

When specifying an order, please refer to the latest price list for product codes and pricing. Specify complete information for each product ordered including:

- Series Name
- Product Name
- Product Catalog Number
- Product Dimension
- TRIMAX™ Color
- Powdercoat Color & Finish
- Installation Method
- Other Key Information

Custom Applications: Some RecycleDesign™ products are available in custom sizes and can often be adapted for custom installations. For example, the InfinitySeries Bench can be cantilever mounted to a wall. Please contact a RecycleDesign™ technical sales representative to inquire about special requirements. A drawing will be required to better understand situation and intent. RecycleDesign™ staff will evaluate feasibility, timing, and cost.

Terms of Sale

Prices:

All prices are F.O.B. factory quoted in US Dollars; title to all goods passes to the customer at the time of shipment from a RecycleDesign™ plant.

Terms: Net 30 days with approval.

A 2% discount is applied for cash payments at acceptance of order. A signed purchase order or order letter is required. No verbal orders will be accepted.

Freight: Freight charges are typically on a collect basis.

Freight Damage: The customer is responsible for recovery of their loss if the shipment is damaged in transit. Because the carrier is an agent of the customer, RecycleDesign™ is not responsible for loss or damage in transit.

Freight Claims: Claims for damage must be filed by the customer/consignee against the carrier. Call for inspection immediately and do not unpack merchandise completely until inspected by carrier.

Taxes: Taxes will be added to the invoice except when tax exempt certificate accompanies order.

Returns: Merchandise may not be returned without proper authorization. Returns are subject to a 30% to 100% restocking charge. Special orders may not be returned under any circumstance.

Cancellations: Cancellation charges can range from 50% to 100%, depending on the stage of order completion. Special orders may not be cancelled.

General Information

Miscellaneous:

Approximate shipping weights are in pounds and include unit and packaging material weights.

Hardware for surface or subsurface mount anchoring is not included.

All product and material specifications are subject to change without notice.

Special design modifications are available. Please submit ideas for quotation.

Prices are subject to change without notice.

Warranty: RecycleDesign™ warrants its' products to be free from defects in material and/or workmanship for a period of one year from the date of invoice. This warranty does not apply to damage resulting from accident, alteration, misuse, tampering, negligence, or abuse. RecycleDesign™ will, at its option, repair, replace, or refund the purchase price of any items found defective upon inspection by an authorized RecycleDesign™ service representative.

Technical Services:

Call RecycleDesign, LLC: 765.374.0316 between 8:00 a.m. and 5:00 p.m. EST. RecycleDesign™ technical, specification and application information is available by calling:

TEL: 765.374.0316
FAX: 312.643-3275

Documents can be faxed 24/7

Web Site:

www.RecycleDesign.com
For information on product offerings, installation methods, technical specifications, drawings and product catalogs and other information which can be downloaded.



Technical Specifications

General Installation Guidelines

RecycleDesign™ products are shipped KD to reduce shipping and packaging costs. Please unpack and inspect components to ensure that parts are complete and undamaged upon arrival. The following technical notes are intended to assist in specifying and installing our products; generally accepted A.I.A. principles and local conditions apply accordingly.

Shipping and Packaging Materials

RecycleDesign uses plastic foam packaging materials to protect parts in shipment. We re-use foam accumulated in our recycling operation when it is available; otherwise we use new foam. If you choose to mail the packing foam back to us, we will use it again to pack parts.

TRIMAX™

Lumber slats are made of TRIMAX™ recycled, high density polyethylene. The product is composed of 100% recycled HDPE, derived from purified milk bottle waste, combined with UV-inhibited pigment systems as well as other process additives.

TRIMAX™ is very resistant to corrosion and moisture, and is warranted not to rot, splinter, crack or peel. No waterproofing or staining is required or recommended. The lumber is made from a single, purified polymer and is manufactured to consistent, reproducible standards.

TRIMAX™ Technical Data

Mechanical Properties	Test Method	Typical Value
Density, lbs/cu.in.	(ASTM D792)	.025 -.028
Compressive Strength (ASTM D695)		
psi @ .2 in. def.		2540 - 2560
psi @ .4 in. def.		3040 - 3120
psi @ .6 in. def.		5130 - 5350
Tensile Strength, psi	(ASTM D638)	2160 - 2630
Flexural Modulus, psi	(ASTM D790)	97900 -103300
Coeff. Of Thermal Exp. in/in/° F	(ASTM D696)	.00007
Accel. Weath. >1MM langleys	(ASTM E838)	0.91% color Δ

Structural Beams

InfinitySeries, VictoriaSeries and some CitySeries benches and seats utilize 2.500" OD or 2.0"ODx .125" aluminum tube for the support structure spanning the two cast aluminum end frames. The tubes, made from 6061-T6 mill finish material, support three and four point loading on the 5' 0" and 6' 0" models, respectively. Expected bending stresses at both spans are far exceeded by the 17,000 psi recommendation for these beam sizes.

Aluminum Castings

The cast aluminum end frames and spanners are made with #319 alloy, consisting primarily of reprocessed metal. These parts are inherently weather resistant, and possess exceptional strength.

Castings Technical Data

Mechanical Properties	Typical Value
Ultimate Strength, psi	27,000
Yield Strength, psi	18,000
Shear Modulus Rupture, psi	22,000
Fatigue Strength, psi	10,000

Powdercoat Finishes

The finishing systems used with RecycleDesign™ products are 100% solids and contain no volatile organic compounds. The powdercoat resin system is polyester, a weatherable and durable material suited for exterior use.

Mechanical Fasteners

Standard mechanical supplies are typically a combination of vandal resistant and conventional stainless steel fasteners. Tools for custom head fasteners are supplied as necessary. Some aluminum parts are fastened with or to steel parts. This condition may promote electrolysis and degradation of the metal if not insulated. Therefore, nylon insulating washers are supplied with the assembly. Please make sure washers are installed.

Other Considerations

Specific assembly and installation parameters are available, along with mechanical drawings, for each RecycleDesign™ product. Custom lengths and planning options may be available in most RecycleDesign™ furnishings.

Customer information

Toll Free Number:	866.272.8775
RecycleDesign,LLC:	765.374.0316
Prints sent by fax:	765.643.3275

Website

www.RecycleDesign.com

Visit our website for information on product offerings, installation methods, technical specifications, drawings and product catalogs and other information which can be downloaded.