

## Zido® Carts

Durable Properties Beat Harsh Environments

### The Opportunity

Anthro Corporation, designer and manufacturer of furniture for technology-rich environments, uses KYDEX® thermoplastic sheet for small, custom products and is familiar with its superior properties. Impressed with the performance of KYDEX materials, Anthro Corporation focused on enhancing the design of their Zido® Cart Family with KYDEX® 3D Laminate.

### The KYDEX Solution

As a result of replacing the work surfaces of the Zido® Cart Family with KYDEX® 3D Laminate, the improved carts feature smooth, radius-edged wood cap shelves. KYDEX® 3D Laminate allowed Anthro to create complex surface geometries that are extremely durable, resistant to abrasion, cracking and chipping and able to withstand a wide range of harsh chemicals. The Zido® Carts are therefore able to retain their attractive appearance despite abusive end-user environments.

*"We are so confident about the quality of KYDEX® 3D Laminate that we offer a lifetime warranty on the Zido® Cart Family," stated Craig Barton, Anthro's Manufacturing Engineer. "In fact, we would recommend KYDEX® 3D Laminate for any work surface that might be subject to abrasion or a relatively harsh environment, but also must maintain a good appearance."*

### The Zido® Cart Family

Created to provide a mobile solution for a wide range of applications including healthcare, EMR, general office, control rooms, material handling and retail, the Zido® Cart Family was first introduced in 2007. Intended for use when a small footprint and highly configurable mobile cart is needed, the Zido® Cart Family is slim, simple, compact and cost conscious.

The Zido® Cart Family features:

- Small footprint – only 17" w x 17" d
- Light weight – only 44 lbs
- Strength – holds up to 150 lbs
- Mobility – 4" casters, 2 locking
- Fixed and adjustable height models
- Options for custom configuration



*Zido® Fixed Height Cart: Compact and stable, the perfect mobile cart for laptops, storage, ergonomic accessories or medical equipment.*



*Zido® Adjustable Height Cart: Adjustable shelves, which move with the squeeze of a paddle, feature contoured edges to alleviate stress on arms.*

#### KYDEX, LLC

ISO 9001 and 14001 Certified

#### Customer Service

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[www.kydex.com](http://www.kydex.com)

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### The Advantages of KYDEX® 3D Thermoplastic Laminates

KYDEX® 3D Thermoplastic Laminates give designers the ability to incorporate compound corners, contoured edges, logos and wire management holes while eliminating unsightly seams and the need for edge banding typically associated with HPL/TFM surfaces. In addition, its high-impact resistance minimizes costly maintenance associated with other membrane and flat laminates.

KYDEX manufactures a full line of 3D laminates, intended to provide designers and manufacturers with options that satisfy usage, compliance and budget requirements. With short runs and quick lead times, KYDEX® 3D Laminates are offered in a wide range of custom and standard colors, metallics, granite patterns and highly realistic wood grains that closely simulate the shape and finish of those machined from the finest solid materials. KYDEX® 3D Laminates provide significantly better impact and puncture resistance than high-pressure laminate (HPL) and low-pressure laminate (LPL or melamine).

KYDEX® HD	KYDEX® XD	KYDEX® WG
High durability surface coverage	Extreme durability surface coverage	Available in 13 stocked wood grains
Available in 12 stock colors; other colors available upon request	Low minimum order quantities for custom colors	Substrate color matched to wood grain
Shorter cycle times and easier trimming	Deep draws due to high extensibility	Available by the sheet
Ideal for parts requiring greater definition	Available in multiple textures	All designs have matching vinyl sheet as well as HPL or TFM

**Suggested applications:** store fixtures, checkout counters, exhibits and displays, moldings, transaction surfaces, tabletops, flat laminated panels, kiosks, cabinetry, door and drawer fascias, pedestals and stands, workstations, logo and trademark panels

### About KYDEX

KYDEX, LLC is a worldwide leader in specialty thermoplastic sheet manufacturing. Uniquely able to produce products for applications requiring extreme durability and chemical resistance, KYDEX provides medical-grade thermoplastic materials to many of the medical device designers throughout the world. KYDEX has a proven track record of delivering consistent, high-quality product in accelerated timeframes. Learn more about KYDEX at [kydex.com](http://kydex.com).

### About Anthro Corporation

Founded in 1984, Anthro Corporation makes furniture products used wherever technology is required, including hospitals, labs and manufacturing shop floors. Headquartered in Tualatin, Oregon, Anthro self-manufactures products using state-of-the-art equipment which processes raw materials into finished goods in a cycle that lasts 2 to 5 days. Their finishing processes are environmentally friendly and their fabrication and assembly routines are certified by ISO, UL and ETL. Anthro's commitment to quality products and exceptional services have helped them win a number of awards including The Best Green Companies to Work for in Oregon (2009) and a number of NeoCon design awards. Learn more about Anthro Corporation at [Anthro.com](http://Anthro.com).

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