

# DAVIS

D a v i s Furniture Industries, Inc.

2401 South College Drive  
PO Box 2065  
High Point, NC 27261-2065

TEL 336 889 2009  
FAX 336 889 0031  
mail@davisfurniture.com  
www.davisfurniture.com

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## Aero Offerings

### Models —

- Standard or Backless Benches
- All Aluminum, Polyurethane, or Upholstered
- Two, three, four, five, six, and seven seaters

### Options —

- Arms in wood, polyurethane, and upholstered
- Side Tables on Standard Benches only
- Linking Devices (back to back)
- Wall Mounting Brackets
- Adjustable Glides

**FABRIC —** Due to the large variety of fabric materials used in Davis upholstery we recommend that you contact our customer service for information regarding specific fabrics.

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## AERO Bench Series USER GUIDE

Designed by Liévore/Altherr/Molina



## Information about Aluminum

The Aero Bench is made of three aluminum extrusions that are joined together to form the seating area. Legs and end plates are constructed of stainless steel.

Aluminum is a lightweight silvery colored metal. Many other elements may be added in small amounts to produce alloys for various specific uses. Aluminum is **recyclable** and doing so saves a large amount of the electrical energy, which was necessary to first manufacture it.

## Extrusion Process

Extrusion is the process by which aluminum is formed into linear shapes by forcing a heated aluminum alloy billet through a hardened steel tool at high pressure. Anyone who has watched a child squeeze Play-Doh® through a forming machine has seen a simple version of the extrusion process.

## Anodized Aluminum

Anodizing is the electrochemical process that hardens and protects aluminum. Anodizing actually creates a controlled oxide layer at the surface providing dramatically better durability and also color stability. This layer of aluminum oxide is integral with the underlying aluminum, unlike paints and other coating, which are mechanically bonded on a surface. The layer is actually a physical part of the aluminum, at the surface, and renders the surface much less sensitive to oxygen and other degrading environmental agents.

Anodizing is an environmentally friendly process which utilizes water based chemicals. The main liquid and solid by-products are easily isolated and either recycled into the process, or used as raw materials in other processes. The remaining small amounts of compounds are safe for processing in municipal sewage treatment plants. The coating itself is natural aluminum oxide, which is non-toxic, chemically stable and heat resistant up to 1,200 degrees F. (the melting point of aluminum).

## Maintenance and Cleaning

Anodized aluminum, such as used on Aero, provides an attractive and highly durable surface, which requires only minimal maintenance.

- Rinsing or cleaning with mild soap or detergent and water solution is normally all that is required to keep the anodized aluminum surface looking good.
- Mild abrasive cleaners will remove more difficult deposits but care should be taken not to create a localized change in the general sheen of the piece.
- Harsh acidic or alkaline cleaning solutions should be avoided.
- Solvents should be used with care as some may stain the surface. Using any cleaner on a small, less visible test surface first is always a good idea if it has not already proven by experience to be safe.
- Self-skin, black polyurethane cushions should be cleaned with mild soap or detergent and water only.
- Due to the large variety of fabric materials used in Davis upholstery we recommend that you contact our customer service for information regarding specific fabrics.

## Outdoor Use

Any ALL ALUMINUM (no upholstery or polyurethane models) units without arms or side tables may be used in outdoor settings.

## Floor Mounting

For security in public spaces, the Aero benches feature designed-in capability for floor attachment. The foot castings on each leg are designed to be mounted to the floor with use of a centered hole. The customer must supply screws appropriate for flooring material in the area.

*TWO Seaters must be mounted at all times to the floor for stability.*