



AVIERA METAL: Aluminum vs. steel construction.

Steel is a popular metal used in seat frame construction, but there may be better alternatives. When considering frame and arm material, aluminum has many advantages over steel.



At the end of 250 hours of continuous exposure to salt spray corrosion test the Aviera Metal frame (top) showed no visual evidence of corrosion, while the competitive steel sample was rusted.

High strength – Aviera steel-reinforced aluminum frame/arm construction is as strong as steel.

Non-corrosive – Normal wear and tear will scratch and nick a frame. Over time, these nicks will cause a steel frame to oxidize and corrode. Aluminum will not rust.

Non-shocking – Aluminum doesn't conduct static electricity, making it a better choice for carpeted areas than steel frame chairs.

Resilient – Aluminum combines strength with flexibility, flexing under loads and springing back after impact.

Seamless – Aviera metal frame/arms have no visible welds, and no sharp edges or seams. One-piece extruded aluminum components make strong, complex shapes possible.

Non-combustible – Aluminum does not burn and, even at extremely high temperatures, does not produce toxic fumes.



Seamless welded joint



Aviera Metal Guest Chair



Aviera Metal Patient Chair

Aviera metal has all of the advantages traditionally associated with IDEON: great design and great style, all at a reasonable cost.

Aviera metal seating features steel-reinforced aluminum frame/arms which match the design of Aviera wood frame/arms. A steel seat framework with metal-to-metal connections deliver superior durability and strength. Aviera metal seating is a cost-effective solution for high traffic areas such as healthcare and education.

AVIERA METAL FEATURES

- Designed for high traffic areas
- Guest, patient, and multi-seating configurations
- Clean-out space
- Steel seat framework with metal-to-metal connection
- Aluminum arm and frame will not rust or corrode
- Wall-saver design
- Occasional and cube tables complement linking tables
- Field replaceable parts
- Bariatric seat sizes
- Arm design provides support for easy ingress and egress
- Multi-seating configurations
- Optional wood arm caps
- Optional upholstered arm inserts
- Easy maintenance with field-replaceable parts
- 350 lb. weight capacity; bariatric model 750 lbs. weight capacity
- 10-Year Warranty
- All options and 1000's of textiles ship in 10 days

