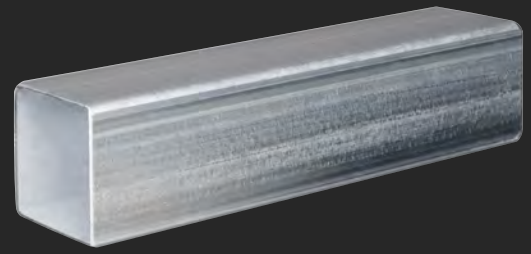


Case Study

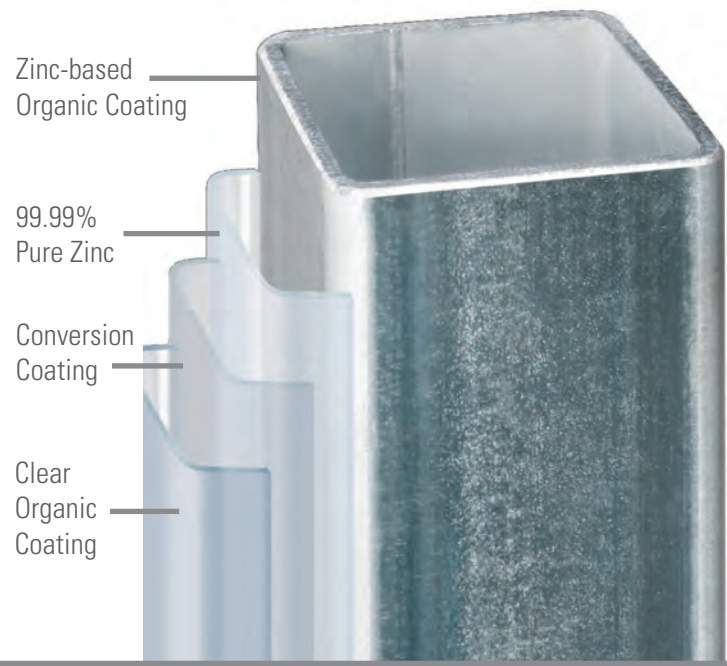


Flo-Coat® Galvanized Tubing

A One-of-a-Kind Frame, a “Win-Win” for you and your customers. For more info, visit bestbuymetalroof.com



GALVANIZED TUBE



ONE-OF-A-KIND FRAME

Our one-of-a-kind frame has been scientifically engineered to advance performance. The state-of-the-art framing system offers:

- Greater Strength
- Lighter Weight
- Improved Corrosion resistance

The stronger design will enhance the safety of passengers, while its lighter weight suggests improved fuel economy. Increased corrosion resistance ensures a longer life, even under the harshest of conditions.

With greater security for your passengers and lower operating costs for you, Glaval Bus is truly a “Win-Win” for all.

WHAT IS GALVANIZED TUBE?

Allied's signature Flo-Coat® galvanized process produces superior corrosion resistance by utilizing a triple-layer of protection. First, 99.99 percent pure zinc is applied, followed by a conversion coating. Finishing the process is a clear organic topcoat that seals in the protection and produces a smooth, shiny appearance. This galvanizing process is performed on the mill to produce a finished product that does not require secondary operations such as batch hot-dip galvanizing.

The advanced processing technique of in-line galvanizing was first introduced by Allied back in 1959. Allied Tube & Conduit has successfully employed these techniques on tubing to transform industry and product standards.

HERE'S WHY GLAVAL BUS HAS A REPUTATION FOR MORE THAN JUST NICE LOOKING BUSES

We surround the passenger compartment with ribs of steel, then cover that rigid skeleton with a galvanized steel skin. "STEEL-SAFE" construction is your best protection for both your passengers and your investment in transportation. Take a look at just a few of our standard construction features.

1. "Steel-Safe" frame featuring Flo-Coat® 1 1/2" square galvanized steel tube

- "Steel-Safe" Construction - superior structural integrity for greater safety and durability
- "Steel-Safe" Unibody Floor Construction – protection and strength to withstand impact
- 24" Centers on Steel Structure – efficiency, integrity and simplicity
- Fully Galvanized Structure – Flo-Coat® square tube for ultimate rust protection
- Multi Piece Rear Structure – cost effective repairs

2. 1/4" full length isolator rubber rails

- Isolator Rubber Extended the Full Length of the Rail – unified weight load distribution
 - less stress on floor structure
 - additional vibration isolation

3. Chassis mounted floor

- Mechanically Fastened Walls to Floor; Roof to Walls – reduced stress points
- Lift mounted to Floor Frame Structure – consistent torque and stability

4. Wheel well and step well protection

- Galvanized Wheel Wells; Step Wells – rust prevention at high corrosion areas

5. 5/8" pressure treated marine grade wood floor

- 5/8" Pressure-Treated Marine Grade Wood Standard – installed over metal floor for increased floor life

6. High performance skin and insulation

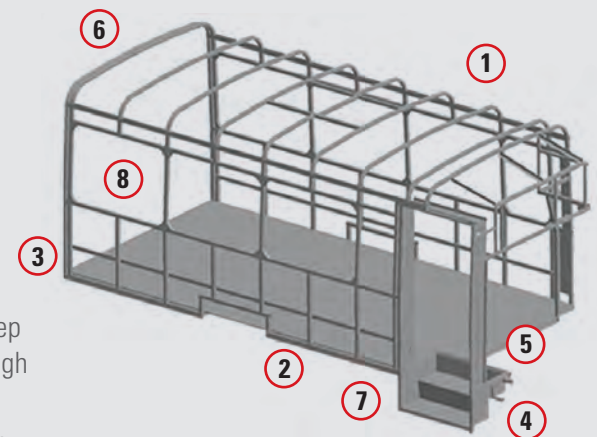
- Vacuum Laminated Walls – added strength, less noise and less flex
- Single Piece Composite Roof – leak prevention and seamless
- Structural Foam Insulation in Roof – strength and insulation of bus
- ABS Interior Panels – automotive appearance and repairability

7. In-house undercoating

- Spring Mounts in Front of Body – protection of cab to body transition
- Undercoating and Front-End Alignment Standard – ready for service upon delivery

8. Enhanced window frames

- Larger Windows – superior passenger visibility and emergency exits



Additional features and benefits

- Custom Driver Console – easier driver entry, egress and ergonomics
- Cove Floor Molding Standard – cosmetics and ease of maintenance and cleaning
- ALTOONA Tested – assured long lasting endurance
- FMVSS Tested – certified to meet and exceed federal safety regulations
- ADA – Compliant Options Available
- 5-year/100,000 mile warranty on conversion
- ISO 9001:2000 Certified

Specifications and options subject to change without notice.

