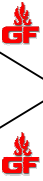


Open House September 20 2007

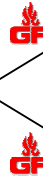
CELEBRATING OUR



50th

GENERAL FIRE

YEAR



## Rosenbauer Fire Apparatus

### Galvanizing Information

Our Hot-Dip Galvanizing process on the Rosenbauer aerials is beginning to display its superiority over the standard old tech painting used by most aerial builders. Rosenbauer feels so strong about this feature we have now patented the hot dipped galvanizing feature. Using this specification item will afford the protection against rusting so common with our competitors.

By immersing each entire section in molten zinc, and having penetration holes in each side-rail, hand rail, diagonal, brace, and rung; the entire interior and exterior receive this coating which will nearly eliminate any corrosion due to exposure to the elements.

The best comparison that we can share with our customers is to drive down their local Interstate and take note that every sign post or guard-rail they see has the SAME process. When you consider the exposure during winter weather road conditions...the main reason that this form of protection is used is due to the road salt and similar corrosive materials. These sign posts DO NOT RUST due to this protection; and remain in-service for years upon years.

This hot-dip galvanizing is extremely beneficial in any salt air environment, such as waterfront or Island communities. On of our latest sale in Jamaica will include eight all galvanized aerial devices. A painted steel aerial (although more conventional) at some point over its life span may show some wear spots which will subsequently have surface rust if not maintained or treated properly.

One added benefit we also discovered when using the galvanized aerial sections is that they also develop a higher lubricity quality ("coefficient")...meaning that the aerial sections slide more freely...and now require much less greasing. Fire Departments enjoy their vehicles when they require less maintenance!

Finally, a study was conducted on long-range life expectancy on the galvanized coating...compared to common steel painted ladders and also the aluminum aerials on today market (results show on the next page); the interesting comparison figure is that it is based on rusting of the surface. Keep in mind that the average life of a Fire Department aerial device is considered to be 20-years; which varies from suburban to metro FD's.

**[Hot-Dip Galvanized Steel vs. Paint click here](#)**

**[Service Life Chart for Hot-Dip Galvanized Coatings click here](#)**



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