Understanding Aluminum versus Fiberglass Flagpoles

Fact: Aluminum Flagpoles are Significantly Heavier than Fiberglass Flagpoles

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Freight Charges:

- Freight Charges are based on size and weight. A heavier flagpole will cost more to ship.
- A lightweight fiberglass flagpole can be transported by customer, in or on their own vehicle

Broken sections of an aluminum flagpole

Installation:

- Lightweight fiberglass flagpoles will not require additional labour or equipment like trucks or cranes for installation
- Therefore, fiberglass flagpoles are less expensive to install:
  - Increase the profitability on installation, or
  - Pass the savings on to your customer
- A simpler installation will result in more 'Do-It-Yourself' transactions
- Fiberglass is easier to work with – in the case of difficult installation locations

Fact: Fiberglass Flagpoles are Manufactured to Withstand Greater Wind than Aluminum Flagpoles

Formenta Stress Test as conducted by the Swedish National Testing & Research Institute

All flagpoles have a fracture point. However, in extreme wind conditions:

- Aluminum flagpoles maintain the position of greatest stress resulting in a bent or broken flagpole
- Fiberglass has memory – until the point of fracture, fiberglass flagpoles will retain their original position

Even with the benefit of memory – Fiberglass still offers the strongest windloading, as shown on the accompanying chart.