



Application Notes

breezEV Pedestal Durability

The breezEV pedestal has been designed with long term durability in mind. Care has been taken every step of the way in the design and manufacturing process to choose the correct materials that are rated for longevity in extreme environments. Here are some of the key details:

- **Thickness & type of pedestal steel:** 0.74" 1008 Cold rolled steel, thicker than many other manufacturer's pedestals.
- **Powder coat:** Sherman Williams POWDURA® exterior rated powder coat selected for superior application properties, excellent transfer efficiency, excellent overbake resistance, chemical resistance, sun resistance, salt resistance.
- **Do we process the pedestal steel in a way that leads to less paint chipping and rust?** Yes, we prepare the metal in a way that promotes the best possible adhesion of the powder coat.
- **Material used on base plate:** 304/304L Stainless steel was selected for the base plate that is in contact with the ground to reduce chances of any rust.
- **Hardware:** all bolts, nuts and washers are stainless steel coated with black oxide.
- **Engineering testing:** A professionally certified civil engineer was selected to run structural analysis using specialized software on the pedestal with chargers mounted to ensure that there are no weak points in extremely high hurricane winds.
- **Manufacturing location:** We are proud to 100% manufacture from all USA produced raw materials the complete pedestal in Middleton, MA, USA. 

