

The McWane Pole™ - Ceramic Epoxy Embed Coating

To help protect the product from corrosion, embed coating is an industry standard for utility poles that will be direct buried, but there are many types being used in the industry today. To obtain the best performance McWane Poles™ are coated with a ceramic epoxy coating system. As stated by Net Composites in their January 2019 article “epoxy resins represent some of the highest performance resins of those available at this time. Epoxies generally out-perform most other resin types in terms of mechanical properties and resistance to environmental degradation.” (Net Composites, 2019). Another benefit of the system that is used on a McWane Pole™ is that the ceramic-epoxy embedment coating and ductile iron pole material have been previously and would have the capability to be certified by the National Sanitation Foundation (NSF) to be safe for use in contact with potable water sources. Because of this, McWane Poles™ have been used for projects where poles are placed near well water or other environmentally sensitive areas. So, when you are thinking about a project that may have some of these criteria, be sure to be thinking about utilizing a McWane Pole.

NetComposites, 2019. Epoxy Resins. <https://netcomposites.com/guide/resin-systems/epoxy-resins/>.

