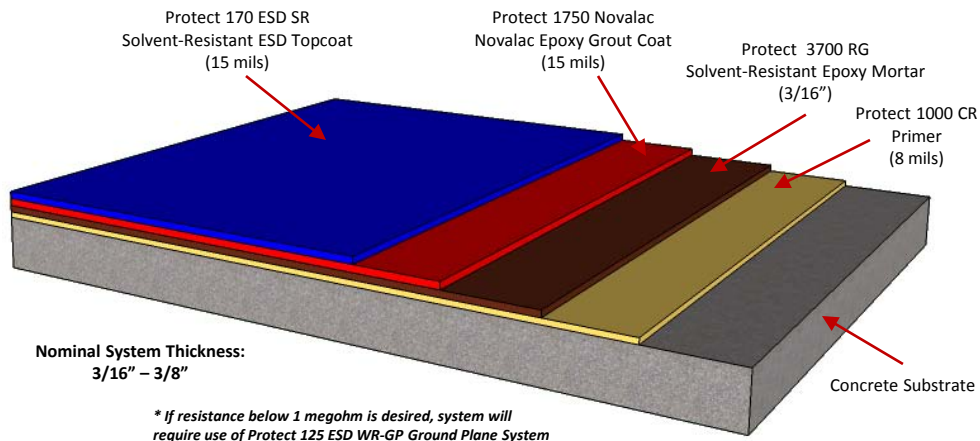


InhibiSpark IC-MS Ignition-Control Heavy-Duty Mortar System



System Description:

A heavy-duty ignition control system consisting of an epoxy primer followed by a spark and solvent-resistant epoxy mortar. The system is grout coated with a novalac epoxy and top coated with a solvent-resistant ESD-control epoxy. This system is suited for production areas subject to heavy abuse, aggressive chemical exposure and mechanical or electrical spark ignition risk. Areas of use include flammable or volatile chemical production areas, munitions facilities, or any other areas requiring solvent and ignition protection combined with superior durability.

System Advantages:

- Excellent resistance aggressive chemicals
- Suited for heavy-duty applications
- Mechanical spark suppression
- Ideal for heavy production areas
- Particulate technology maintains ESD properties throughout entire ESD coating thickness
- Exceeds NFPA Ignition Control guidelines (NFPA 77/99/45)
- Dissipates 5000 volt charge to 0 volts in less than 0.1 second

System Installation Overview:

1. Apply Protect 1000 CR primer to properly prepared substrate and allow to cure
2. Apply Protect 3700 RG recycled-glass solvent-resistant mortar and allow to cure
3. Grout coat system with Protect 1750 Novalac and allow to cure
4. If resistance below 1 megohm is required, apply Protect 125 ESD WR-GP ground plane
5. Apply Protect 170 ESD SR topcoat and allow to cure