ME-565
RFID Isolation (Electrically Conductive) Coating

ME-565 broadband electrical isolation coating is a coated carbon based paint in a proprietary water based acrylic resin system. It provides broadband RFID area isolation in a thin format. Its durable abrasion resistant finish is stable in hot and cold environments. The product can be applied with a brush or sprayer. It has excellent UV and fire resistance.

This product can be applied to various surfaces including but not limited to sheetrock, wood and metal.

ME-565 is a lossy ground plane which can be used as an undercoating in conjunction with our MF-500 Urethane MagRAM RF absorbing coating.

Applications:

- Application to sheetrock or other surfaces for isolation of RFID signals from adjacent areas.
- As an electrically conductive undercoating for a MagRAM RF absorber (like our MF-500 Urethane).

Mechanical Data:

Thickness: 2.0 - 8.0 mils per layer nominal (depending on application technique)
Color: Charcoal Grey
Dry Weight: 1.26 gm/mil for an area of 12"x 12" (30cm x 30 cm)
Resistance: Fire, Abrasion, UV, Salt and Corrosion
Coverage: Nominally 200 ft²/gal (3.8L) using two coats

Typical Performance

Isolation: Nominally -14 dB per mil