



EMCOAT SHIELDING PAINT

CONDUCTIVE COATING FOR ELECTROMAGNETIC SHIELDING

EMCoat is an electrically conductive, multipurpose, patented coating product that shields secure facilities, wireless communications, and sensitive electronics from hacking, spectrum congestion, unwanted emanations, and damaging electromagnetic attacks. Fast drying, non-toxic, and highly durable, EMCoat is well suited for exterior and interior use and is applied with standard painting equipment. Provides a strong performance in broadband shielding, making it ideal for electromagnetic protection in secure facilities, data centers, meeting areas, operational environments, sensitive medical device rooms, or any area where signal control is a concern.

- Superior protective performance
- Excellent adhesion on a wide range of surfaces
- Water based, non-toxic, easy clean-up
- Fast drying, low odor
- Rated for indoor and outdoor use
- Saves time & money over metals/foils

PRODUCT	PART#	COVERAGE*	SHIELDING**	APPLICATION	DURABILITY***	LOCATIONS****
EMCoat S	4PA091	200	~55 dB	Spray	High	Indoor
EMCoat R	4PA081	175	~55 dB	Brush/Roll	High	Indoor/Outdoor
EMCoat HD	4PA079	200	~55 dB	Brush/Roll	Superior	Indoor/Outdoor

* Square feet per gallon kit, applied in two cross coats to achieve 0.6 ohm/square ** Average, 100 MHz to 6 GHz, Plane Wave ***ASTM D3359, Crosshatch Adhesion **** Tested and approved for use on drywall, concrete, masonry, metal, wood, vinyl, plastic, and fiber-reinforced composite. Substrate-compatible Primers are always recommended. Test an inconspicuous area or sample section if needed. When painted for exterior use, must be sealed within 48 hours.



EXTERNAL ELECTROMAGNETIC THREATS



BLUETOOTH



CELLULAR



INTERFERENCE



SNOOPING & HACKING



WIRELESS




GPS

PHYSICAL DENIAL OF ELECTROMAGNETIC THREATS

EMCOAT SHIELDING PAINT

BLOCKS WIRELESS EMANATION OR INTRUSION





ELECTROMAGNETIC
ATTACKS



CONGESTION