



EMR SHIELDING PAINT

Air Pure Paints EMR Shielding Paint is a unique product containing Nickel to make it electrically conductive. Properly applied, it will effectively prevent over 98% of microwaves from passing through walls and ceilings and can provide a high degree of protection from the microwaves radiated by mobile phone base stations and other radio masts. (Windows will require shielding curtains).

The paint, when correctly earthed, will also stop mains-frequency electric fields entering the room from the mains wiring. Electrically sensitive people often react most adversely to unshielded electric fields. It is usually impractical to shield mains-frequency magnetic fields and these need to be minimized by correct wiring and an appropriate layout of electrical installations.

TEST RESULTS

EXPOSED-PLAIN	INSIDE STEEL CONTAINER	APP EMR SHIELDED	EMR SOURCE	REDUCTION
55 dbm 0.012v/m	70 dbm 0.002v/m	70 dbm 0.002v/m	Car Key Fob	83%
26 dbm 0.34v/m	70 dbm 0.002v/m	51 dbm 0.019v/m	Microwave Cooker	94%
34 dbm 0.13v/m	70 dbm 0.002v/m	70 dbm 0.002v/m	Mobile Phone	99%
49 dbm 0.024v/m	70 dbm 0.002v/m	60/70 dbm 0.007/0.002v/m	Base Station ~ 300m	71-92%
34 dbm 0.13v/m	70 dbm 0.002v/m	63/70 dbm 0.005/0.002v/m	Base Station ~ 200m	96.2-98.5%

Available in quart and gallon containers. Independently tested in Europe to give 99% shielding of microwave energy at the 900 MHz and 1800 MHz mobile phone bands.

