

# Safe and Sound RF-ECO Electromagnetic Shielding Paint

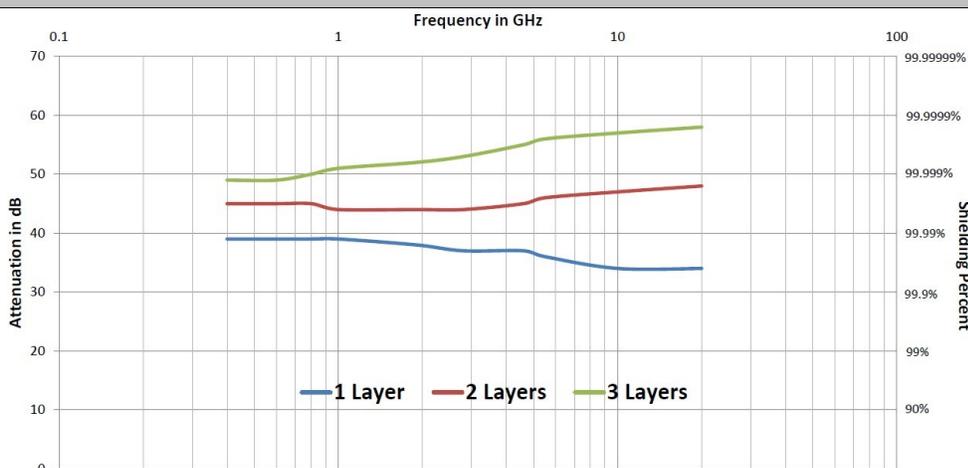


**Safe and Sound RF-ECO** is the NEW leading-edge EMR Shielding Paint. 1 US Gallon protects against the entire spectrum of electrosmog – including that of 5G. Just one coat of paint shields greater than 99.9% of wireless radiation!

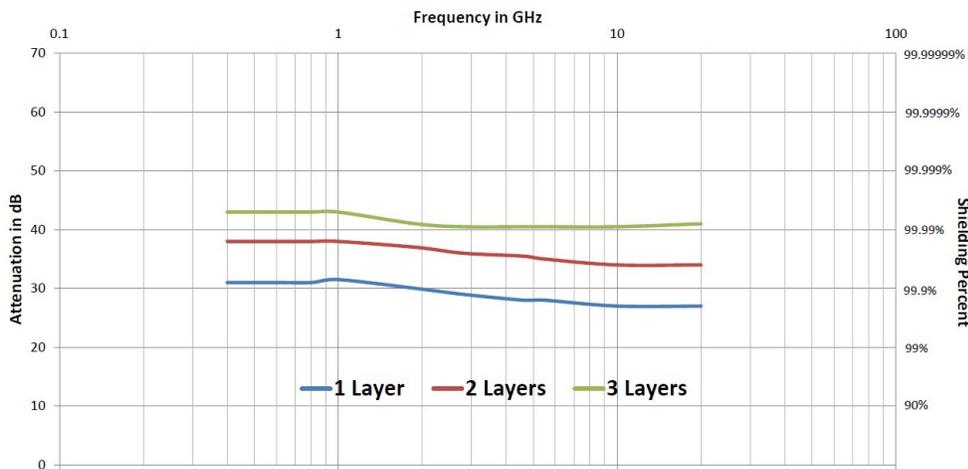
- For interior or exterior use
- Virtually Zero VOCs
- Frost resistant
- Water resistant
- 3 + years of shelf life
- 5G READY
- Breathable
- Solvent-free

## Technical Data

<b>Application</b>	Interior, Exterior
<b>Coverage</b>	172 - 344 SqFt/Gal.
<b>Substrates</b>	Almost All
<b>Shielding Type</b>	Radio Frequency AC Electric Fields
<b>Shielding Effectiveness @ 1GHz (172 SqFt/Gal)</b>	1 Layer = 39 dB 2 Layers = 45 dB 3 Layers = 51 dB
<b>Ecology</b>	High
<b>Binding Agent</b>	Pure Acrylic
<b>VOC Content</b>	0.027 oz/Gal. (Virtually Zero)
<b>Minimum Application Temperature</b>	5°C / 41°F
<b>Weight</b>	12.38 lbs per 1 Gal. Bin
<b>Color</b>	Black
<b>Adhesive Strength</b>	392 lbs/SqIn
<b>Viscosity</b>	1200 mPas
<b>Sd-Value</b>	~ 0.1 m
<b>pH-Value</b>	7.5
<b>Density</b>	1.19
<b>Frost Resistance</b>	High
<b>Shelf Life</b>	3+ Years



Safe and Sound RF-ECO Paint Shielding Performance - 172 SqFt/Gal



Safe and Sound RF-ECO Paint Shielding Performance - 344 SqFt/Gal

### RF Sources

Baby Monitor	49, 902, 2400 MHz
Bluetooth	2400 MHz
Cellular	700-2600 MHz
5G Low-Mid, High Band	600-6000 MHz, 24000 MHz+
DECT Phone	1900 MHz
FM Radio	88-108 MHz
Microwave Oven	2450 MHz
Smart Meter	900, 2400 MHz
TV Towers DTV	54-698 MHz
WiFi Router	2400, 5000, 6000 MHz
WiMax	3500 MHz

