

# SHIELDING PAINTS

## Y-SHIELD *High Frequency Indoor Shielding Paint*

Easy to apply, water-based paint for walls, ceilings, doors and other interior surfaces. Very effective for blocking cell phone signals, CB, TV, AM, FM signals, radiofrequency radiation and microwaves. Tested highly effective up to 18 GHz!



Free of toxic solvents and additives and completely carbon-based to avoid corrosion or oxidizing metal particles over time. Roll on, similar to ordinary wall paint - and still achieve an amazing reduction of 99% of HF-Radiation with only one layer. Dries quickly. Water clean-up.

Provides consistent attenuation regardless of the direction of signal polarization, and a highly conductive surface. As a bonus, carbon is a good RF absorber. About 10% of Y-Shield shielding effectiveness is due to absorption. This helps reduce reflections and minimizes the risk from RF sources trapped *inside* the shielded area.

Frost resistant liquid. Long shelf life. Safe for air or ground shipping. VOC content 0,2 g/l.

- Cover with latex paint, wallpaper, etc. to achieve desired aesthetics
- Color: black; RoHS Compliant
- Atten.: ~30 dB per layer; ~10 Ohm /sq
- Coverage: 50-100 ft<sup>2</sup> (~ 5-10 m<sup>2</sup>) per liter
- Shelf Life: 15 months, unopened



Requires grounding like any other RF shielding material. Interior or exterior application. Appropriate for home, industry, research, and educational applications. Can be overcoated with high hiding latex paint of any color.

- (Cat. #Q290-20L) ..... \$899.95 / 20 liter pail
- (Cat. #Q290-5L) ..... \$329.00 / 5 liter pail
- (Cat. #Q290-L) ..... \$69.95/liter can
- (Cat. #Q290-4) ..... \$19.95 / 4 oz can



## Ground Kit for Paint

*Can be used with Y-Shield, Air Pure, & Cupro-Cote too!*

Specially designed for grounding flat surfaces like walls painted with shielding paint. Provides secure connection. Connect to surface *after* shield has dried, but before overcoating. Ground cable included is 40 inches. Includes 25 feet of 1 inch wide conductive tape. Use 1 ground per 1000 ft<sup>2</sup> of painted surface. *For interior use only.*

**Ground Kit for Paint (Cat. #Q290-Grd) ..... \$39.95**

## Exterior Ground Kit for Paint

*Corrosion and Weather Resistant For Outdoor Use*

Similar to indoor kit above but with rust resistive components.

**Exterior Ground Kit for Paint (Cat. #Q288) ..... \$39.95**

*Seams and cracks should be caulked with a paintable caulk to create an uninterrupted surface. Prepare surfaces to be painted in the same way you would prepare for any latex paint. Allow overnight drying before top-coating.*