



RADIATION SHIELDING PAINT

Overview:

This highly conductive Electro-Magnetic Radiation (EMR) shielding paint can be used to block radiation from telephone masts, power lines, and other sources in the home and workplace. It is particularly useful for those with an intolerance of these forms of energy pollution, and for areas containing sensitive electronic equipment.

Storage:

Protect from frost/freezing.

Where to use:

Use on interior walls and ceilings.

Preparation:

Surfaces must be clean, dry and free of grease.

Remove all loose and flaking material and, if previously wallpapered, remove all traces of paste and size.

Prime bare plaster with ECOS Plaster Sealer, and bare sheetrock, with ECOS Wall Primer.

This product can be painted directly onto wallpaper but this is not recommended as the product is intended to be a permanent structural feature.

WARNING: Older buildings may contain lead-based paint, which requires professional remediation if it is disturbed. If in doubt, consult with a professional from a Lead-Safe Certified Firm.

Application:

READ ALL APPLICATION NOTES BEFORE COMMENCING.

Do not thin. Stir gently and thoroughly before use.

Apply in two medium coats with a 6 - 9" foam or short pile gloss roller, ensure the first coat is fully dry before recoating (minimum of 4hrs). Normally touch dry in 1-2 hours.

Avoid temperatures below 41°F (5°C) and above 68°F (20°C).

Once the ELF shielding wallpaint is dry it can be finished by over-coating with any of our wall paints and, once earthed, the shielding paint is activated against both high and low frequency radiations.



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If protection is needed against high frequencies only (microwaves, mobile telephone masts, etc.) then grounding is not necessary. However, for full shielding efficiency, it is essential that this product be earthed (grounded). This can easily be achieved as follows:

1. Turn OFF the power to all electrical circuits in the area. If in doubt about how to do this, consult a qualified electrician.
2. Loosen the screws of all the light switch and power socket panels.
3. When painting, extend the paint over the edge of the metal box behind the plate, as this should be grounded.
4. If boxes are plastic, a grounding wire should be extended to the edge of the box and this used as the grounding point for the paint.

If in any doubt about how to use or apply this product, contact us for assistance.

Clean equipment with water.

NOTE: Avoid putting waste paint in drains as the nickel is heavy and can cause blockages. Excess paint should be allowed to dry, and is then safe for disposal with normal household waste. Drying of waste can be accelerated by painting onto newspaper or similar.

Coverage:

Applied as directed on a flat non porous surface: 150 Sq Ft per Quart (single coat)
600 Sq Ft per Gallon (single coat)

Health & Safety:

Avoid contact with skin and eyes. Wash off splashes with water. Keep out of reach of children. DO NOT SWALLOW. Wash hands thoroughly before eating, drinking etc.