



# CELL PHONE RADIATION

## Blocpaint

[www.cell-phone-radiation.com](http://www.cell-phone-radiation.com)



### Technical Data and Instruction Sheet

## EM Shielding Paint

#### Overview.

Blocpaint is a water based electro-conductive coating used to reduce the transmission of electromagnetic radiation through large wall areas. Effective against both Low Frequency (LF) and high frequency (HF) electrical fields.

#### Uses.

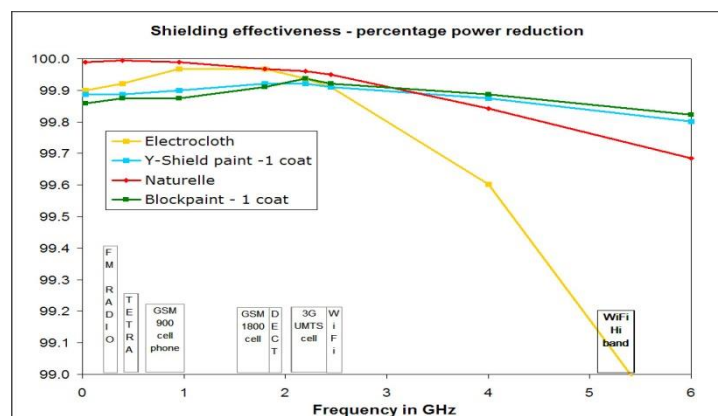
Blocpaint is used to give effective protection to interior spaces from the ingress of electromagnetic radiation.

#### Type of coating.

Blocpaint is water based coating utilising pure Acrylic and Polyurethane resins and containing special Graphite and Carbon conductors to effectively dissipate EM fields.

#### Screening Effectiveness

1 Coat 7.5m per sqm



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Screening effectiveness  
2 or more Coats

The more coats applied the stronger the shielding effectiveness, as you can see from the above graph, one coat should be sufficient but in extreme exposure or for EHS sufferers two or more coats may be needed

VOC content.  
(Volatile Organic Compounds  
Contribute to atmospheric  
pollution.)  
Finish.

Minimal VOC content.  
EU Limit for this product Cat A/a : 30g/l (2010)  
This product contains Max <1g/l VOC.  
Available in matt black finish only.

Application instructions.

Roller application recommended but can be applied by Brush. Do not apply in temperatures near freezing as this may damage paint film. Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood or metal as they may contain harmful lead. For further advice, please contact the British Coatings Federation Ltd, James House, Bridge Street, Leatherhead. KT22 7EP.

Practical Coverage rate M<sup>2</sup>per liter.

Between 5-7 M<sup>2</sup> per litre depending upon porosity and surface profile of substrate. Do Not Dilute product.

Drying times.

For best results contact us for our recommended primer. Allow 24 hours drying time between coats.

Flash Point

N/A Water based.

Cleaning solvent

Water

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#### Over coating instructions

For best results when Over coating a spray application is recommended otherwise more than one application may be needed. It is also recommended that Blocpaint be overcoated with a suitable water based coating such as Acrylic Eggshell Paint (Interior) or Acrylic Masonry Paint (Exterior).

#### Safety Precautions

After contact with skin, wash immediately with plenty of soap and water. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. See Material Safety Data Sheet.

#### Earthing

It is essential that all Blocpainted surfaces be earthed Preferably using our earthing kit which should be attached to the painted surface and then connected to the house earth via a plug top earth point or taped to a suitably earthed central heating system

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