



PAINTS FOR THE *green* GENERATION

Our contribution to create healthier and more sustainable homes. We design and produce thinking about the environment, circular economy and energy efficiency, that's why our products are ideal for green projects, Green Buildings or Eco-buildings, energy self-sufficient dwellings, Passive Houses, or for the creation of smart cities models , Smart Cities



World's Best
Certified
Green Brand

www.graphenstone.com

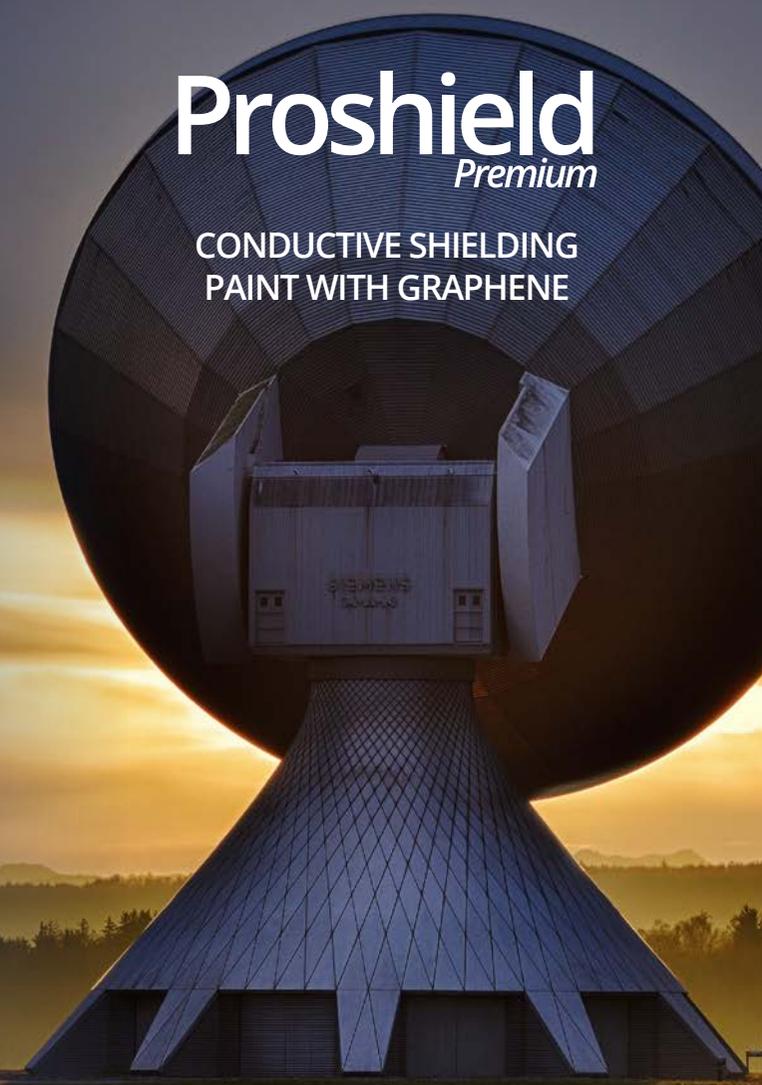
GRAPHENSTONE
THE ORIGINAL & AUTHENTIC

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GRAPHENSTONE
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Proshield
Premium

**CONDUCTIVE SHIELDING
PAINT WITH GRAPHENE**



Prevention of data theft or interception:
shops, laboratories, defense and research facilities,
offices, meeting rooms...

Radar protection: military
installations, airports...

**Prevention of incorrect measurements in
patients and results:** resonance
rooms, hospitals...

Signal block: penitentiary centers, data
centers, technical spaces, schools,
recording studios...

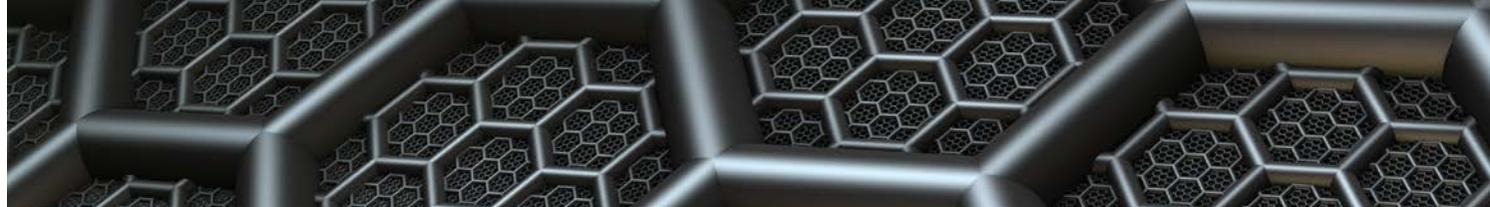


EFFECTIVE PROTECTION
in front of electromagnetic waves.

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Proshield Premium

CONDUCTIVE SHIELDING PAINT WITH GRAPHENE



Formats: 15L, 12.5L, 4L y 1L.

YIELD (2 capas)	4-5 m ² /L
DRYING (entre capas)	4-6 Hours
TOTAL DRYING	24 Hours
APPLICATION TOOLS	Brush / Short hair roller
TOOLS CLEANING	Water
PRODUCT APPEARANCE	Black
PROTECTION AGAINST	High and low frequency electromagnetic radiation.

Proshield Premium is a CONDUCTIVE PAINT with graphene technology. These are carbon particles, contained in an emulsion of a pure acrylic of high quality in aqueous medium. Designed for protection against high and low frequency electromagnetic radiation.

Main characteristics

- Electromagnetic waves shielding
- 30 dB of attenuation at 900 MHz (IEEE 299:2006).
- Combustible materials with a very limited contribution to fire B-s1, d0 (Little or no smoke generation, No burning droplets)
- Electrical conductivity
- Contains graphene fibres. .
- Does not contain metallic components.
- Low VOC emissions.

Where to apply

It is recommended for protection against low and high frequency radiation:

- Cell phone towers
- Television repeaters (DTT)
- Radio Antennas
- WiFi, Wlan
- Ports and airports radars
- Cordless Phones (DECT)
- Wireless networks

Empowering RFID

For shops, department stores, etc. It is recommended to enlarge and increase the signal of the RFID systems that combined with Proshield Premium allows:

- Combining different RFID and Internet technologies
- Faster and more accurate readings
- Improving communication by bouncing the signal
- Reducing theft noise and signal losing
- Better control of labels and merchandise
- Avoiding the RF signal escapes
- Acting as RF shielding



RFID Systems.

The application on the support or directly on the surface allows to increase and amplify



SHIELDING EFFICIENCY:

30 dB of attenuation at 900 MHz (IEEE 299:2006).



Interior and exterior use



Free of metallic components



Low VOCs emissions