



Transform your project with Suberlev from Falconstema, an innovation in thermal and acoustic insulation.

ANTI-RADIATION Paint



Technical sheet

DESCRIPTION

Water-based electrically conductive paint, for protection against high and low frequency radiation (electric field). Non-ionizing radiation. Contains conductive micro-fibers which in conjunction with the grounding plate is obtained electrical conductivity without the need of conductive tape.

APPLICATION

Recommended for:

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- **Industrial use**, to prevent the interception of data from wireless networks and avoid the interception of conference calls.
- **Domestic use**, for protection against high and low frequency radiation, which largely affects the quality of life of humans, causing sleep disorders, damage to the immune system and other pathologies and diseases resulting from continuous exposure to micro-radiation.
- Other types of use, such as **schools, daycare centres, hotel rooms, hospital wards**, etc.
- Indoor and outdoor use.

PROPERTIES

- High resistance to corrosion free of metal particles.
- Durability over time.
- It does not rust.

SURFACES

- Concrete, cement, plaster, plasterboard, wood, galvanized steel, mortar, ceramic brick, stone natural, corrugated sheet, single-layer mortar, PVC...
- In walls, ceilings floors, which are then covered by materials that do not expand excessively, such as natural wood and do not have to use adhesives.

MECHANISM OF ACTION

- For new **concrete** or **cement supports**:
 - Wait for the total of the same (minimum 28 days).
 - The stand must be clean.
 - On polished surfaces, sanding should be done to open the pore.
 - We recommend the application of Suber-fix Acrylic Fixative Suberlev, diluted to 4 parts of water for a penetrating fixative.
- For old or **existing surfaces**:
 - Old or badly adhered paints should be removed.
 - On already painted supports it is recommended to check the state of the paint and the anchor of the same.
 - Remove all dirt, dust, mold, mildew or any particles that prevent the adhesion of anti - radiation paint, can be washed with clean water.
 - If there is a physical defect in the support, it must be plasticated to obtain a regular surface.
 - We recommend the application of Suber-fix Acrylic Fixative Suberlev, diluted to 4 parts of water for a penetrating fixative.

INSTRUCTIONS

- **Spraying** : Spray the surface to be treated.
- **Acting Time** : The disinfectant must remain in contact for 15 minutes on the applied surface, has an effectiveness of about 24 hours.
- Its formula has a synergistic effect that allows during application, cleaning, disinfection and to be active for hours on surfaces.

RECOMMENDED CONSUMPTION

- 4 to 6 m² / L, 400 ml/m².
- 2 layers are recommended.
- Indoor performance: 5 - 6 m²/L.
- Outdoor performance: 4 - 5 m²/L.

RECOMMENDATION OF USE

- Application temperature greater than 5 °C
- Do not apply with risk of rain.
- Maximum dilution of 5 -10% water.

STORAGE

The material should be kept in a cool place, avoiding direct exposure to the sun.

SALES FORMAT

- 2.5 L Pots

SPECIFICATIONS / TECHNICAL DATA SHEET

- Color: Black
- Appearance: Mate
- Viscosity: 60 000 ± 5 000 cps. Standard : Brookfield sp – 6, 2, 5 r.p.m. 22 °C
- Diluent: In water
- Drying time*: 6 - 8 hours
- Repainted: 10 - 12 hours
- Attenuation: 2 layers 42 dB 99.90% protection
- Solid content in volume: 56%
- pH value: 7.5 - 8.5

PRECAUTION

- Keep out of reach of children.
- Do not breathe the vapours and aerosols
- Do not throw product waste.
- Use in places with good ventilation.

NOTE

SUBERLEV products must be applied by applicators approved by the manufacturer.

The above information is based on our practical experience and laboratory tests. Given the wide variety of construction materials available and the many application methods beyond our control. It is essential to carry out sufficient practical tests and verifications in each case to ensure the compatibility of the product with each specific application.

