

ISO Paint 26

RFID PROTECTION PAINT



GENERAL DESCRIPTION

ISO Paint 26 is a black protective paint designed to block RFID waves. It can be applied in a single coat, requires no grounding, and offers quick drying.

CHARACTERISTICS

- Single-coat application.
- No grounding required.
- Drying time: 4 hours - Recoatable after 12 hours.
- Coverage: 3 to 4 m²/L depending on the substrate.
- Finish: matte black.

PERFORMANCE

- Effective blocking of RFID waves.
- High fixing and covering power.
- Washability and easy application.
- Suitable for environments requiring local electromagnetic shielding.

KEY BENEFITS

- Water-based product, environmentally friendly.
- AFNOR Écolabel certified.
- Manufactured with carefully selected raw materials.
- Combines premium technical quality with ecological standards.

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DESCRIPTION

Black acrylic protective paint against high frequencies, designed to effectively block electromagnetic waves (750 MHz to 7.5 GHz).

Suitable for indoor and outdoor application on cement, wood, concrete, plastic, cardboard...

TECHNICAL CHARACTERISTICS

- Finish: matte.
- Color: black.
- Density: 1.20 ± 0.05 .
- Dry extract by weight: $40\% \pm 0.5$.
- Dry extract by volume: $32\% \pm 0.5$.
- Drying time: dust-free 30 min - dry 4 h - recoatable 12 h
- Application: single coat (shielding).
- Coverage: 3 to 4 m²/L (60 µm thickness) depending on the substrate, surface condition, absorption and application method.
- Packaging: 10 L.
- EU limit value (VOC - cat. A/a: 30 g/L - 2010) - This product contains max. 1 g/L.

KEY BENEFITS

- RFID shielding efficiency.
- Easy application, no grounding required.
- Suitable for multiple substrates.
- Made in France.

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STANDARDS AND RECOMMENDATIONS

Substrates, preparation work and application conditions must comply with NF P 74201 (DTU 59.1).

SUBSTRATE PREPARATION

- Substrates must be clean, dust-free and free of grease.
- Thoroughly wash and sand the surfaces.
- On raw and porous substrates, it is essential to apply a first coat of primer/sealer (acrylic base coat) to ensure the performance of the paint system.

APPLICATION

- Apply ISO Paint 26 in a single coat, completely covering the substrate.
- Do not apply in freezing conditions, on frozen or thawing substrates.
- Minimum application temperature: +6 °C.
- Recommended tools: 12 mm anti-drip roller, 13 mm woven polyester roller, polyester brush, spray gun.
- Cleaning and dilution: water.

IMPORTANT

If applied on the floor, the paint must be covered with a finishing layer (carpet, lino, parquet...), but never with floor paint or varnish.

HEALTH AND SAFETY

Refer to the Safety Data Sheet (SDS) available on request at contact@isocover.fr and to the instructions on the packaging.

STORAGE

Shelf life: 12 months in unopened packaging, protected from frost.

FIRE CLASSIFICATION

M1 – AFNOR: Family I Class 7b2 (NFT 36 005).

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product name: ISO Paint 26

Use: Electromagnetic shielding paint

Supplier: Isocover - contact@isocover.fr

2. HAZARDS IDENTIFICATION

Water-based paint with no major risk.

May cause slight irritation in case of skin or eye contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Acrylic dispersion in water with mineral fillers and pigments.

Does not contain substances classified as hazardous under REACH above regulatory thresholds.

4. FIRST AID MEASURES

Inhalation: move to fresh air.

Skin contact: wash thoroughly with soap and water.

Eye contact: rinse immediately with clean water.

Ingestion: do not induce vomiting, seek medical advice.

5. FIREFIGHTING MEASURES

Non-flammable product. Use extinguishing media suitable for surrounding environment.

Avoid contaminated extinguishing water.

6. ACCIDENTAL RELEASE MEASURES

Contain spill with absorbent material (sand, earth, vermiculite).

Prevent release into drains or the environment.

7. HANDLING AND STORAGE

Handle in ventilated areas. Store in original, tightly closed container.

Protect from frost and excessive heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Wear protective gloves and goggles during application.

Ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid

Color: matte black

Density: ~1.20

Solubility: miscible with water

Flash point: not applicable (water-based)

10. STABILITY AND REACTIVITY

Stable under normal conditions of storage and use.

Avoid freezing and heat > 40 °C.

11. TOXICOLOGICAL INFORMATION

Not classified as hazardous to health according to EU regulations.

May cause slight irritation after prolonged contact with skin or eyes.

12. ECOLOGICAL INFORMATION

Do not release into the environment.

Not classified as hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

Do not discharge into drains. Empty containers should be treated as industrial waste.

14. TRANSPORT INFORMATION

Not classified as dangerous under transport regulations (ADR, RID, IMDG, IATA).

15. REGULATORY INFORMATION

Complies with REACH regulation and VOC directive.

EU limit value (cat. A/a): 30 g/L (2010). This product contains max. 1 g/L.

16. OTHER INFORMATION

This sheet complements the technical notice but does not replace it.

The user remains responsible for compliance with current regulations.