

UNICOAT



1. FEATURES AND AREAS OF APPLICATION

High-performance, single-component, multi-surface enamel with a refined satin finish that ensures excellent adhesion on various substrates. It is designed for direct application on different surfaces, without the need for specific primers in most cases.

The formulation provides excellent adhesion, long-lasting protection and a uniform aesthetic finish on many types of surfaces. The product stands out for its high covering power, perfect leveling, long-term color stability (non-yellowing), resistance to UV rays and weathering. It is non-toxic, odorless and non-flammable, making it ideal for indoor environments as well.

Once dry, the film is continuous, compact and elastic and features the following properties:

- excellent adhesion on porous and non-porous substrates
- excellent flow and aesthetic uniformity
- high mechanical and chemical resistance
- good resistance to weathering and UV rays
- remarkable application versatility
- possibility to unify coating systems, reducing time, costs and warehouse complexity

The resulting coating film has high plasticity and flexibility, ensuring excellent durability even on so-called difficult substrates such as galvanized sheet metal, plastic, glass and tiles.

UNICOAT is suitable for coating wood, galvanized sheet metal, PVC, tiles and masonry substrates, especially where high wash resistance is required. It can be applied—after proper surface preparation—in environments where the absence of unpleasant solvent odors is essential.

2. COMPOSITION

Self-crosslinking silane-functional polymer emulsion, titanium dioxide and/or iron oxides and/or organic pigments, additives. It is free from harmful substances such as solvents and lead-based or chromate pigments.

3. APPLICATION INSTRUCTIONS

Galvanized sheet metal and light alloys

Remove any traces of dust and carefully eliminate any oxidation spots. Degrease the surface with nitro thinner and allow to dry. Apply UNICOAT directly in two or three coats until complete coverage is achieved, allowing **at least 24 hours between coats**.

New wood

Apply one coat of HIDROWOOD wood preservative to prevent woodworm and blue-stain fungi. After complete drying, lightly sand to remove any surface imperfections. Then apply two or more coats of UNICOAT until full coverage is achieved.

Previously painted wood

Sand the surface with 220-grit sandpaper, removing any loose or flaking parts. Remove dust thoroughly and degrease if necessary. Apply two or three coats of UNICOAT directly until complete coverage is achieved, allowing at least 24 hours between coats.

Tiles

Application is permitted only on vertical tiled surfaces. UNICOAT is not suitable for flooring. Clean and degrease the surface thoroughly, ensuring it is dry and free from contaminants. Apply UNICOAT directly in two or three coats until complete coverage is achieved, allowing at least 24 hours between coats.

PVC

Clean and degrease the surface thoroughly, removing all traces of dirt or grease. Apply UNICOAT directly in two or three coats until complete coverage is achieved, allowing at least 24 hours between coats.



Emotion with paint ...

SPIVER s.r.l.

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Scheda Tecnica: UNICOAT SP 057. Rev.1 La presente scheda annulla e sostituisce le precedenti



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4. TECHNICAL DATA

SPECIFIC GRAVITY: 1.280 kg/L $\pm$ 5% (depending on shade)

FILM APPEARANCE: satin (18 ± 2 gloss at 60°)

TINTING: Colours can be obtained through the tinting system: Global Tinting System.

TINTING BASES: Base P (white), Base MT (mid), Base T (neutral)

VISCOSITY: 130" – 155" Ford Cup 4

COVERAGE: 12–13 m²/L per coat

DILUTION: ready to use, max 2–3% with water

PACKAGING: plastic containers of 15 L, 2.5 L and 0.750 L

DRYING TIME: 30 min; 1 h dust-free; 1 h touch-dry; 24 h through-dry; reaches maximum hardness 20 **days**

after application at 25°C

RECOATING TIME: 24 h

APPLICATION TEMPERATURE: between 8°C and 30°C

APPLICATION METHOD: brush, roller, spray

STORAGE: 36 months in unopened containers, protected from temperature fluctuations

HS CODE: 32091000

5. SPECIFICATION CLAUSES

Painting of galvanized sheet metal

Application of two coats of water-based enamel based on a self-crosslinking silane-functional polymer emulsion, such as UNICOAT by SPIVER S.R.L., in 2 coats, after proper cleaning and degreasing of the surface, on galvanized sheet metal items located both indoors and outdoors. Price includes materials and labour, excluding scaffolding, per m² €.....

Painting of wood

Application of two coats of water-based enamel based on a self-crosslinking silane-functional polymer emulsion, such as UNICOAT by SPIVER S.R.L., in 2 or 3 coats, after proper sanding and cleaning of the wooden item located both indoors and outdoors. Price includes materials and labour, excluding scaffolding, per m² €.....

Painting of tiles

Application of two coats of water-based enamel based on a self-crosslinking silane-functional polymer emulsion, such as UNICOAT by SPIVER S.R.L., in 2 coats, after proper cleaning and degreasing of the tiles. Price includes materials and labour, excluding scaffolding, per m² €.....

N.B. The above data may be subject to changes. Spiver S.r.l. assumes no responsibility for negative results due to applications carried out beyond its control or caused by factors unrelated to the quality of the product.



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