



# SMART COVER TILES

PAINT FOR TILES

**SMARTCOVER TILES** is an innovative coating for the renovation of interior and exterior spaces where an exceptional finish is sought. It is formulated with water-based polyurethane resins of It is formulated with water-based polyurethane resins of extraordinary performance to achieve a product of the highest quality and durability. Designed as a renovation coating on ceramics, tiles, stoneware, gypsum, etc. It can also be used on almost any material such as concrete, plaster, parquet, wood, plaster, plasterboard, microcement, metals, etc. It can be applied on walls, ceilings and floors.

**SMARTCOVER TILES** creates a micro-skin that provides high mechanical resistance to abrasive wear and scratching. It also offers good chemical resistance, is impermeable to water and resistant to ultraviolet light. Available in ten colors with a silky matte finish.

## PROPERTIES

- Specially recommended for the renovation of ceramic coatings.
- High resistance to abrasion and scratching.
- Good resistance to water and alkalinity.
- Inalterable to ultraviolet light (no yellowing).  
Adheres without primers on double-fired and monofired ceramics, porcelain stoneware, porcelain tile, tiles and wood panels respecting the original texture.
- One-component ready-to-use product. Fast drying and easy application. Unlimited applications without the complexity of a two-component.
- Apply 2-3 coats in one day, allowing 2-3 hours drying time between coats.
- Free of APEOs, NMP, ammonia, formaldehyde, free diisocyanates and isothiazolinones. Respectful with the environment and human health.
- Compatible with a wide range of substrates. Therefore, it is suitable for the protection and decoration of wood surfaces, parquet, concrete, metals, plasterboard and plaster and both indoor and outdoor walls, ceilings and floors, as in sports courts, pavements, microcement, etc..

## USES/FIELDS OF APPLICATION

Product developed for the protection and renovation of surfaces and as a decorative finish. Formulated with aliphatic polyurethane resins with polycarbonate of a water-based component that gives it extraordinary performance. It has a great adhesion on non-absorbent surfaces and a remarkable resistance to yellowing.

The treated substrate material is waterproofed while maintaining its breathability to water vapor. Like all polyurethanes, it is highly resistant to wear, dirt and certain chemical products. Ideal for application on porcelain coatings such as stoneware, tiles, gresite, etc. Also as a coating for renovation or decoration of ready-to-use microcement, concrete, mortars and other porous materials such as plaster or plasterboard.

It presents a very natural finish on wood, protecting it from wear and weathering. For the renovation of parquet floors. It can be used as paint for pavements, sports courts and printed concrete both indoors and outdoors.

If a super matte or satin finish is desired, it is recommended to protect with two coats of our **SMART VARNISH** water-based varnish.

## TECHNICAL DATA

<b>Color</b>	10 colors available
<b>Finish</b>	silky matte
<b>Shore D hardness</b>	70 ± 3
<b>Density</b>	1.2 ± 0.05 g/cm <sup>3</sup>
<b>Dynamic viscosity (L3 a 250 rpm)</b>	1250 ± 500 mPa·s
<b>Static viscosity (L2 at 20 rpm)</b>	2500 ± 1000 mPa·s
<b>Minimum application temperature</b>	8°C
<b>Dry to touch</b>	1-2h
<b>Recoating</b>	2-3h
<b>Drying</b>	24h
<b>Curing time</b>	7 days
<b>CE marking according to EN 1504-2</b>	

## CONSUMPTION

**SMARTCOVER TILES:** 0,15 L/m<sup>2</sup> (for 2 coats)

## PREPARATION OF THE SUBSTRATE

Before painting, the support must be properly prepared. It must be dry, clean and free of dust, grease or dirt. For a thorough cleaning, we recommend using our Smart Cleaner detergent cleaner. **SMART CLEANER.**

In case it has been previously varnished or painted, it is necessary to check if it is in good condition and well adhered. If not, it is recommended to remove the previous coating. This can be done by sanding or stripping, ensuring that the surface is left in good condition. If repair, consolidation or sealing of joints is required, proceed before the installation of **SMARTCOVER TILES.**

In case the original coating is in good condition, a preliminary test of compatibility with the substrate can be carried out in an inconspicuous area.

On absorbent surfaces, such as plaster or plasterboard, it is recommended to apply our **SMART PRIMER ABS.**

In the case of wood, it may be necessary to apply a varnish and sand afterwards. In metals, the good condition of the metals, the absence of oxide residues and the application of a suitable primer (anticorrosive) must be ensured.

Essential characteristics	Performance	Harmonized technical specifications
Determination of abrasion resistance.	< 3.000 mg	UNE EN ISO 5470-1:1999
Resistance to strong chemical attack.	Class I at 3 days without pressure. Class II at 28 days without pressure.	UNE EN 13529:2005
Determination of vapor permeability to carbon dioxide.	S <sub>0</sub> > 50 m	UNE EN 1062-6:2003
Determination and classification of water-vapor transmission rate.	Class II 5 ≤ S <sub>0</sub> ≤ 50 m	UNE-EN ISO 7783:2012
Determination of liquid water permeability.	w < 0,1 Kg/m <sup>2</sup> • h <sup>0,5</sup>	UNE-EN 1062-3:2008
Determination of adhesion by direct traction.	Rigid Systems ≥ 2.0 N/mm <sup>2</sup> (without traffic loads)	UNE-EN 1542:2000

## CHARACTERISTICS

- Aliphatic polyurethane dispersion with polycarbonate.
- Solids: 35 ± 2%.

## APPLICATION

Before applying **SMARTCOVER TILES** check that the surface is dry and free of grease and dust.

- Apply with brush or velourex short pile or microfiber roller. The application must be done at ambient temperatures between 10°C and 30°C.
- Apply 2-3 coats in one day, allowing 2-3 hours drying time between coats.
- For spray application, dilute with water approximately 2-5%.

Allow to dry at least 24-48 hours before use. Remove the tape immediately after painting or leave it until completely dry to avoid lifting the paint when removing the tape.

The total curing time will depend on the environmental conditions. At 23°C and 50% humidity it will take 7 days.

In the case of painting on wood, it is recommended to previously apply a varnish and sand it afterwards, giving at least 2 applications of varnish. Apply at least two coats of Smartcover for a correct sealing.

It can be applied directly on concrete and other surfaces such as microcement or plaster. On walls and ceilings already painted, make sure that the previous coating is well adhered and free of dust and dirt. In the case of plasterboard, plaster or other absorbent surfaces, use **SMART PRIMER ABS** beforehand.

Check the adhesion in a corner or hidden area before proceeding with the total painting.

## SPECIAL PRECAUTIONS

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Non-flammable product. In case of contact with skin, wash with soap and water. Never use solvents or thinners. Do not ingest. In case of ingestion, do not induce vomiting and seek medical attention immediately.

It is recommended to comply with the following measures:

- Good ventilation
- Use of mask with chemical absorbent.
- Protective goggles to avoid splashes.
- Rubber gloves.

Empty containers should be disposed of in accordance with current legal regulations.

To prevent the product from drying or thickening, close the cap after each use. Keep out of the reach of children.

## PACKAGING

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It is presented in 2,5L containers.

## CLEANING OF TOOLS

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Tools should be washed with water immediately after use.

## STORAGE CONDITIONS

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The product should be stored in its original closed container and protected from the weather at temperatures between 10°C and 30°C, in a dry and well ventilated place, away from heat sources and direct sunlight. The shelf life is 1 year from the date of manufacture, if stored properly.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established in the legislation.

The Safety Data Sheets of the product are at the disposal of the professional.

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