



STARDUSTCOLORS SAS

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Series: FINISHES

WATER-REPELLENT

Reference: HDPB-SPR

TECHNICAL DATA SHEET

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PRODUCT TYPE AND APPLICATIONS

The Hydrophobic Spray is the ideal solution for protecting damp areas from moisture. Its advanced formula contains silicone-based hydrophobic agents, making it ideal for use in bathrooms, kitchens, showers and on surfaces exposed to moisture, as well as outdoor areas exposed to the elements. It provides effective protection against urban nuisances and damage caused by urine.

Easy to apply and quick-drying, this hydrophobic protection is a simple and effective solution for maintenance at home or in professional settings. It guarantees superior protection for healthy spaces and prevents mould and ageing

FIELD OF APPLICATION

The Water-Repellent Spray is fully flexible and can be applied directly to most surfaces: Its strong adhesion means it can be applied to glass, ceramics, metal, plastic and other building materials, as well as natural and synthetic fabrics, wood, concrete, leather, ceramics and porcelain, certain plastics, and paint.

Substrate preparation: The substrate must be sound, dry, free from dust and free from moisture or grease.

** Depending on the type of plastic, carry out preliminary tests before any industrial production

APPEARANCE

Colourless, transparent and satin-finish.

The water-repellent spray provides an invisible finish on most surfaces*. On certain porous surfaces, it may create a slight wet look, so spray on a test area first.

COMPONENTS AND MIXING

Ready-to-use single-component product

Application 15–25°C / dry conditions recommended. Avoid use in hot temperatures and on hot surfaces.

In cold weather, allow for longer drying times.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Satin
Product density (excluding colourants)	812 g/cm ³ ± 2%
Solids content by weight	10% ± 1%
Gloss at an angle of incidence of 60°	20°
Delivery viscosity NF4	15' ± 3
Theoretical coverage	1L = 7–14 m ² / 1 coat 400ml spray = 0.7–1.4 m ² per coat
Wet film thickness / coat	80 µm
Dry film thickness / coat	10 µm
VOC	>420 g/L (special finishes)
Temperature resistance:	-40°C / 200°C

APPLICATION SYSTEMS

Brush / Stamping / Spray application with airbrush

INSTRUCTIONS FOR USE

With a pad: Apply the product **evenly** section by section. Work in a grid pattern across the surface in sections of no more than 1m²

Spread and then inspect during drying/evaporation. Check for and quickly correct any spreading defects whilst the product is still uncured

Aerosol

Air spray gun: 1.3–1.5 mm / 2.5 bar Number of coats: 1–3 coats

DRYING

Drying at ambient temperature 20°C:

Tack-free: 1 min

Through-dry: 1 hour

Ready for use:

Allow 24 hours for drying and curing (for best performance, two coats are recommended, with the second coat applied after two hours).

STORAGE AND AVAILABLE PACKAGING

400ml aerosol, 1L can, 20L

Maximum storage time:

24 MONTHS IN A TIGHTLY SEALED
CONTAINER