

TECHNICAL DATA SHEET

CHAMELEON SPRAY

1K effect basecoat aerosol - 400 ml

The solvent-based acrylic effect paint changes colour depending on viewing angle and incidence of light. It is used as an intermediate coat over a deep black matt basecoat and must be overcoated with clear coat.

1K BASECOAT

NO FILLING PROPERTIES

INTERIOR & EXTERIOR USE



18-25 °C

Temperature of aerosol, substrate



20-30 cm

Recommended spraying distance



2-3 coats

Uniform, very thin coats



approx. 1 m²

Approximate depending on shape and technique

Recommended coating system

1

PREPARED SUBSTRATE

Solid, smooth, clean, dry and degreased.



2

DEEP BLACK MATT BASECOAT

Fully opaque, uniform, free of sand-throughs and gloss.



3

CHAMELEON

2-3 very thin cross coats.



4

CLEAR COAT

For protection and the full effect. Ideally 2K.



A deep black matt basecoat is essential

A grey, uneven or glossy basecoat will weaken the effect. The basecoat must have no sand-throughs. This TDS applies to shades intended for a black basecoat.

TECHNICAL DATA

Product type	1K solvent-based acrylic effect basecoat
Packaging	400 ml aerosol
Coat function	Effect intermediate coat with no filling properties
Substrate	Deep black matt basecoat, uniform and free of sand-throughs
Overcoating	With clear coat, 2K recommended
Coverage	Approx. 1 m ² / aerosol when applied as recommended

Correct application procedure

A simple overview for an even effect without patchiness, stripes or runs.



**DETAILED
GUIDE**

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1 Prepare the substrate



The surface must be smooth, dry, clean, degreased and dust-free. Apply a deep black matt basecoat with no sand-throughs. Allow to flash off for approx. 20 min before applying Chameleon.

2 Equalise the temperature



The aerosol, substrate and surrounding air must be 18-25 °C. Do not paint in direct sunlight, draughts or dusty conditions.

3 Shake thoroughly



After the mixing balls become free, shake the aerosol thoroughly for at least 2 minutes. Shake again regularly during application.

4 Carry out a test spray



Check the spray pattern, material compatibility and colour on a test piece. The final effect is always influenced by the basecoat and number of coats.

5 Use the correct spraying motion



Keep the aerosol upright at all times, 20-30 cm from the surface. Start spraying before the painted area and finish beyond it. Use smooth cross passes with approx. 70% overlap.

6 Apply thin coats



Apply 2-3 very thin, even coats. Allow approx. 10 minutes flash-off between coats. Heavy coats increase the risk of patchiness and runs.

7 Overcoat with clear coat



Allow the final Chameleon coat to flash off for approx. 40 minutes. Then apply clear coat according to its TDS; for best protection, we recommend a 2K clear coat.

8 Clean the valve and nozzle



After use, turn the aerosol upside down and spray briefly until only propellant comes out. Store the aerosol upright.

Most common mistakes

- glossy, grey or uneven basecoat
- coats that are too heavy or wet
- tilting the aerosol and irregular movement
- stopping the spray directly over the surface
- low temperature, direct sunlight, dust or draughts

Important technical notes

Chameleon has no filling properties and will not conceal substrate defects. Do not sand the effect coat. Assess the final appearance only after applying clear coat. Coverage is approximate and depends on the shape of the part, shade, substrate and application technique.

The stated values are approximate and refer to application under the recommended conditions. Always carry out a test spray before use. Follow the instructions on the product label and in the safety data sheet. Use suitable personal protective equipment and ensure effective ventilation.