

TECHNICAL DATA SHEET

Item number: 0600-441-00X

Product name: 1K CAMELEON COATING

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Description: One-component pearl coating that exhibits color-changing properties. It is offered in wide range of colors.

The coating creates attractive special effect on the surface. Pigments used in this products are based on transparent silicone dioxide plates synthetically produced and coated with titanium dioxide. The pigments were specifically assorted so that they change their primary color fluently into a different one depending from light incidence angle, angle of refraction and luminous intensity. The coating requires a clear topcoat.

RECOMMENDED USE

- direct spraying on refined ABS, PS, PC plastics
- direct spraying on previously coated, dry, black primers
- coating home appliances and electronic equipment
- furniture handles and accessories
- decorative finishing in the industry
- decorative finishing of sport equipment: bikes, scooters, motorcycles
- other: wherever a special effect is desired

TECHNICAL PROPERTIES

• Density, (approx) kg/dm ³	1,0
• Recommended film thickness per one coat,wet, µm.	20-30
• Recommended film thickness per one coat,dry, µm.	10-15
• Dry time (20 °C): 1st degree (tack-free), min	3-4
• Theoretical coverage at 25 µm film thickness dm ³ /m ²	0,16
• Recommended number of coats	1-2

GLOSS: gloss

COLOR:

- 001** – green/violet
- 002** – opalescent green/blue/light violet
- 003** – green/orange
- 004** – blue/golden/green
- 005** – golden/orange/red

PRODUCT APPLICATION

Contents should be stirred after opening the can in order to avoid metallic pigment sedimentation and achieve proper shade. When adding solvent for spraying it is recommended to dilute the paint in the exact same ratio – in order to avoid differences in brightness of the coating.

PRODUCT APPLICATION

Application methods:

One coat – conventional sprayer

- ▲ tip size 1,0-1,2 mm
- ▲ spraying pressure 3,0-3,5 atm

Solvent: item number 0602-502-004 in amount of 40-60%

Hardware cleaning: item number 0602-502-004

APPLICATION

Surface

Plastics should be cleaned, degreased and free from any other contaminants as they are the main reason of coating failure. Anti-adhesion agents must be removed completely from the surface.

Cameleon is recommended on previously coated, dry black primers. Black substrate guarantees the most interesting effect. 1-2 individual coats are recommended. Allow 10 minutes for evaporation between coats (depending from temperature and coat thickness). Following coats can be applied after reaching tack free point of the previous coat. Minimum time to application of clear coat after applying the last pearl base is 20-30 minutes.

Painting and curing conditions

- surface temperature above 10°C
- **good ventilation**

SHELF LIFE: 6 months from the production date in original unsealed container.

WARNING! This product is designed for professional use in the given industry. Detailed information regarding product safety can be found in the MSDS.