

BEISSIER CHAMELEON

Multi Surface Primer / Finisher and Stain Covering Paint



GENERAL CHARACTERISTICS

USAGES

- Multi-Surface adhesion bridge, primer and finishing coat for metallic surfaces (iron, zinc, galvanized iron, aluminum, lead, brass, copper...), plastics, rigid PVC, polyester, fiberglass polyester, methacrylate, melamine, expanded polyurethane, ceramics, mosaic, glass, etc.
- Isolates and seals pore on wood and timber.
- Excellent undercoat for porous masonry supports: plasterwork, cement, plasterboards, concrete, etc.
- Covering stains of grease, soot, ink, damp stains, nicotine, coffee, etc.
- Ideal background and preparation for paintwork on any kind of substrate.

CHARACTERISTICS

- Extraordinary bonding strength on most kind of substrates.
- Rust inhibitor (DIN 53.167: no rust formation on metallic surfaces after 150 hours under aggressive saline solution).
- Resistance to heat: 100°C. Non-yellowing.
- May be over-coated with any water or solvent based paint (synthetic enamels, polyurethane, epoxy...), except for nitrocellulose products.
- Contains no hazardous components, free from lead and chromates. Non-flammable.

PACKING

Product Code	Packaging	Color	Units/Carton	Palletization
70600-002	Pail 600 ml	Tr. base	6	80 cartons
70600-001	Pail 750 ml	White	6	80 cartons
70600-003	Pail 2 L	White	2	84 cartons

TECHNICAL DATA

Product	
Composition	Combination of synthetic resins
Color	White and Transparent Base
Appearance	Semi-Matt Finish
Tintable	Colorable with universal dyes
Particle size	< 100 µm
Density	1.35 ± 0.05 g/cc
Total VOC (EN ISO 11890-2)	< 75 g/l EU limit value cat. (A/i): 140 g/l
Classification EN 13300	Satin (≥ 10 a 85 °)
Gloss (EN ISO 2813)	
Wet scrub resistance (EN ISO 11998)	Class 1
Hiding powder (EN ISO 6504-3)	Class 2 (≥ 98)
Rust Inhibitor according to DIN 53167	No rust formation on metallic surfaces after 150 hours under aggressive saline solution
Application	
Temperature	5-35 °C
Tools	Brush, Roll or Spray Gun
Dilution	Brush / Roll: water max. 5% Spray Gun: water max. 10%
Drying time	30 min (touch dry)
Overpainting	4 to 6 hours - dispersion paints. 24 hours - synthetic enamels. 48 hours - polyurethane and epoxy paints
Yield	Brush or roll: 10-12 m2/L and coat. Spray Gun: 6-8 m2/L
Interior/Exterior	Interior/Exterior

PREPARATION AND APPLICATION

SUBSTRATE PREPARATION AND APPLICATION

Apply on clean, dry and sound substrates. Remove loose material and all traces of rust, calamine, grease or wax from substrate. For an effective covering of existing stains on substrate, apply two coats allowing to dry minimum 6 hours between the two coats. Stir to homogenize content before use. Apply preferably two coats (50-80 microns of dry film) of Beissier Chameleon. Clean tools with water immediately after use.

Metalllic surfaces: A thorough cleaning and pre-treatment of metallic surface is essential for the correct performance of Beissier Chameleon to provide effective anticorrosive protection. Remove rust and clean with Beissier Minoxil (see label for details). Iron and Steel: Brush or sandblast to remove rust if necessary. Wait for 24/48 hours after application for overcoating with enamels when further anticorrosive protection is required. Zinc and Galvanized Iron: Sand slightly with fine graded sand-paper. In view of the variety of galvanized irons, a previous adhesion test is recommended. Aluminum, Copper and Brass: Sand slightly with fine graded sand paper.

PVC, Fiberglass polyester and Rigid Plastics: Clean with ammonia detergent, observing the instructions and sand slightly.

New timber, Wood and Woodchip panels: Apply previously a protection against xylophages.

Old painted walls: Remove poorly bonded and loose parts. Patch defects and fill holes with AGUAPLAST fillers. Sand slightly well adhered old coats of paint and remove dust. Remove grease by means of detergents on synthetic enamels, sand slightly and clean dust off.

INSTRUCTIONS FOR USE

Mix the product thoroughly before use.
Dilution is not recommended. If required, add the minimum amount of water to achieve application consistency, max. 5% for brush or roller application or 10% for spray guns.

Excessive dilution will affect the paint's properties: bonding, anti-corrosion properties,...

Apply two coats of material evenly and leave it to dry between layers.

It can be coated with water-based and solvent-based finishes (not nitrocellulose).

Tool: brush, roller or spray gun.

Recommended final coat thickness: 100 microns (equivalent to two undiluted coats).

Theoretical yield: approx. 10 - 12m²/l and per coat, depending on the substrate type.

TIMES AND DRYING

Touch dry: approx. 30 min at 20 °C.

Repainting: approx. 4 - 6 h with water-based paints, 24 h with synthetic enamels and 48 h with polyurethane or epoxy.

The product is usually dry after 24 hours at 20°C and 65% relative humidity.

Complete drying requires approx. 3 to 4 days.

The product dries by evaporation of the water it contains; this means that drying times vary depending on environmental conditions (temperature and relative humidity) and application thickness.

OBSERVATIONS

The preparation of the substrate and painting work must be in accordance with recognised technical specifications and adjusted for the construction site and its requirements. In any case, pre-testing the proposed system is always advisable and the suitability of the products should be checked according to their characteristics as well as taking into account the substrate and the conditions and eventual problems at the work site.

TOOL CLEANING

With water, immediately after use.

Follow the manufacturer's instructions to clean the machines.

CAUTIONS, STORAGE, HEALTH AND SAFETY

CAUTIONS

Substrate temperature: from 5°C to 35°C.

Application temperature: from 5°C to 35°C.

Do not apply with relative humidity greater than 85%.

Do not use on surfaces exposed to constant or capillary humidity.

During the application and complete drying of the product, avoid all types of humidity on the surface as well as humidity condensation on the product film.

Do not apply to treated surfaces that are still wet or have not completely set and dried. This may cause damage such as air pockets or cracks in subsequent coats..

Do not use nitrocellulose solvent paints.

Comply with the drying times between coats.

When joint/join sealing putties are coated, paint cracking

may occur due to the putty's higher elasticity. Given how many products are available on the market, tests must be carried out on a case-by-case basis.

STORAGE AND SHELF LIFE.

Store away from extreme temperatures, frost, direct sunlight and humidity. Guaranteed preservation period: 2 year. The best quality is guaranteed within original unopened package. Date of manufacture can be read as printed on package and/or concluded out of batch number YDDD##. Example: Batch Nr. 314401 = 2023 May 24 (144/365). Close properly after use. Open packages should be consumed within the soonest possible.

HEALTH AND SAFETY

Consult the latest Safety Data Sheet available at www.beissier.com.

Sustainability recommendations

Used paint residues and packaging must not be disposed of with household waste, but rather in the places and containers provided for this purpose by the local authorities, whose waste disposal regulations must be complied with. Do not pour leftover paint down the sink or toilet. Minimise paint waste by calculating the amount of paint you will need. Recover unused paint for reuse. The reuse of paint should effectively minimise environmental impacts on the product life cycle.

Sustainable packaging

Recycled & 100% recyclable packaging.



Note: The purpose of this data sheet is to inform our customers about our product's properties. The information presented in the sheet is based on the current state of our knowledge. However, this information is no substitute for a description pertaining specifically to the type and condition of the substrate concerned. Since technical progress is continuously being made, it is our customer's responsibility, prior to use, to check with us that updated edition of this sheet has not been issued.
