

Silberlack

-Silver Enamel-
Exterior and interior
Weatherproof metal effect enamel

General Description

Type of material:	alkyd resin enamel
Range of uses:	For rust-inhibitive coatings on iron and steel. For patinating of black coated wrought iron
Product properties:	Silver Enamel is weatherproof and metallic silk-gloss. Heat resistant to 150 °C
Colour shades:	ca. RAL 9006 Silver ca. RAL 9007 Grey aluminium
Packaging sizes:	ca. RAL 9006: 125 ml, 375 ml, 750 ml, 2,5 l ca. RAL 9007: 750 ml, 2,5 l

Technical Data

Binder base:	alkyd resin
Pigment base:	aluminium
Density:	ca. 0,970 g/cm ³
Degree of gloss:	metallic silk-gloss
Tinting colours:	can be tinted to max. 5 % tint concentrate
Viscosity:	slightly thixotropic, supplied ready for use
Processing temperature:	Substrate and ambient temperature may not fall below +5 °C. Temperatures below + 5 °C and / or air humidity above 80 % can lead to faults in the film formation.

Drying:	(23 °C 60 % rel. air humidity) dust-dry: 6 – 8 hours re-coatable: after overnight drying through-dried: after 24 hours The values can deviate considerably depending on temperature and air humidity.
Spreading rate:	ca. 13 - 15 m ² /l per coat
GISCODE:	BSL40

Method of processing

Substrate preparation:	<p>The substrate must be portative, dry, clean and free of rust and separating substances (oil, grease, wax). <u>Iron and steel</u> to be carefully derusted and cleaned. Surface preparation grade SA 2 ½ according to DIN EN ISO 12944. <u>Stainless steel</u> to be ground matt and cleaned. <u>Aluminium</u> (non-anodized) to be ground, cleaned (see BFS No.6) and immediately coated. <u>Zinc substrates</u> to be degreased by means of an ammoniacal wetting agent (see BFS No. 5). Whitish corrosion products to be completely removed. In special cases, a blasting (sweeping) may be necessary. <u>Hard plastics</u> (Resopal, Bakelite, hart-PVC) to be washed. Dissolving behaviour to be determined by means of test field. If the cleaning agent is compatible with the plastic, the entire surface is cleaned by washing and then finely sanded (grain size 240 – 320). <u>Wood interior</u> sand and clean. <u>Old coatings</u> Coatings based on acrylate may not be painted over with Jansen Silver Enamel. Alkyd resin coatings to be checked regarding adhesive strength by means of cross-cut and knife test (VOB, part C, DIN 18363). Intact old coatings to be carefully sanded and cleaned. Damaged and flaky coatings to be completely removed.</p>
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The preparation of the substrate and painting must be scientifically and technically state of the art. Please also take note of the current BFS data sheets and the VOB (German Construction Contract Procedures), Part C, DIN 18363 Painting and Coating work.

Application: Silver Enamel is supplied ready for use and can be diluted, depending on application, with max. 5 % turpentine substitute.
Iron and steel outdoors: 2 x Jansen Rust-Stop
1 – 2 x Jansen Silver Enamel
indoors: 1 x Jansen Rust-Stop
1 – 2 x Jansen Silver Enamel
Zinc substrates: 1 – 2 Jansen Multiprimer GH 20 or Jansen Ultra-Primer
In order to avoid a staining (abrasion) of the interior coatings, the surface can be sealed with Jansen Finishing Paint. In order to avoid a natural darkening of exterior coatings, Uni Sealer or Jansen Finishing Paint can be applied.

**Only same batch to be used on a surface. Stir well before use.
Before processing, carry out trial coating.**

Methods of application: brush: use brush with natural bristles.
roller: use short-pile mohair roller.
spray:
Airless: Pressure ca. 160 bar
Nozzle: 0,28 – 0,33 mm – 0,011 – 0,013 inch

Aircoat: Pressure 80 – 100 bar, Air 1 – 1,5 bar
Nozzle: 0,28 – 0,33 mm – 0,011 – 0,013 inch

High Pressure: Pressure 3 – 5 bar
Nozzle: 1,5 – 2,0 mm

Fine Coat: Pressure ca. 0,48 bar
Nozzle: 1,8 mm

Cleansing of tools: with turpentine substitute

Storage: cool, dry and frost-free. Seal opened packaging well and briefly turn upside down.

VOC-Value: EU threshold value (Cat. A/i):
500 g/ VOC.
This product contains max. 500 g/l VOC.

Identification Marking: Please take note of our updated Safety Data Sheet available on the Internet at www.jansen.de

The technical information was compiled in accordance with the latest state of the art. An obligation for the general validity of the individual recommendations cannot, however, be accepted as the application and processing methods do not lie within our influence and the varying states of the substrates each require a decision as to the method of working suitable for workman and trade. The recommendations do not release the customer from the task of accepting responsibility for checking the products of the supplier company as to their suitability for the foreseen use. Applicable are the "General Terms and Conditions of Delivery and Payment in the Paint Industry" in the recommendation approved by the Federal Cartel Office (Bundeskartellamt) on 1. January 2018. On publication of this data sheet, all previous data sheets for this product become invalid.

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