

# Kunstschmiede-Mattlack

-Artistic Locksmith-Matt Varnish-  
**Exterior and interior**  
**Rust-inhibitive PU alkyd resin varnish**

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## General Description

Type of material:	alkyd resin varnish
Range of uses:	For iron and steel parts of every type, such as balcony railings and staircase banisters, as well as for wrought-iron work, gates, fences etc.
Product properties:	Artistic Locksmith-Matt Varnish offers an excellent surface hardness, is rust-inhibitive and displays a good adhesion.
Colour shades:	Black Anthracite with micaceous iron ore Graphite black, may be applied by brush on specular iron. By brushing the last coat with a synthetic brush or brass brush, Artistic Locksmith-Matt Varnish graphite black provides a decorative metallic iron gloss appearance.
Packaging sizes:	125 ml, 375 ml, 750 ml, 2,5 l

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## Technical Data

Binder base:	PU alkyd resin
Pigment base:	Carbon black, micaceous iron ore, graphite
Density:	ca. 1,220 g/cm <sup>3</sup> (black and anthracite) ca. 1,380 g/cm <sup>3</sup> (graphite black)
Degree of gloss:	matt
Tinting colours:	May be tinted to max. 5 % tint concentrate Graphite black may not be tinted
Viscosity:	supplied ready for use black: ca. 130 sec. DIN 4 mm at 20 °C anthracite: ca. 180 sec. DIN 4 mm at 20 °C graphite black: ca. 60 sec. DIN 6 mm at 20 °C
Thinner:	turpentine substitute, max. 5 %

Processing temperature:	Substrate and circulating 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: 2 – 3 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. 12 m <sup>2</sup> /l per coat
GISCODE:	BSL40

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**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. You can carry out the required wetting agent procedure using our Jansen Metal Cleaner (observe the instructions in the technical data sheet). <u>Hard plastics</u> (Resopal, Bakelite, hart-PVC) to be washed off with Jansen SR-Plus (cleaning agent). 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 Artistic Locksmith-Matt Varnish. 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: Artistic Locksmith-Matt Varnish is supplied ready for use and can be diluted, depending on application, with max. 5 % turpentine substitute.

Iron and steel exterior: 2 x Jansen Rust Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

interior: 1 x Jansen Rust Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

Stainless steel: 1 x Jansen Ultra Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

Aluminium: 1 x Jansen Ultra Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

Zinc substrates: 1 x Jansen Ultra Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

Hard plastics: 1 x Jansen Ultra Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

Wood interior: 1 x Jansen Acryl Primer  
1 – 2 x Jansen Artistic Locksmith-Matt Varnish

Old coatings: 1 – 2 x Jansen Artistic Locksmith-Matt Varnish

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 roller with short-pile mohair roller.

spray: dilute with max. 5 % turpentine.

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

Cleaning your tools: with turpentine substitute

Storage: Cool, dry and protected against frost. Seal opened container 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.

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**Identification Marking:** Please take note of our updated Safety Data Sheet available on the Internet at [www.jansen.de](http://www.jansen.de)

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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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