

Metallprotect 3 in 1

- 3 in 1 metal protection -

Exterior and interior

One-pot system, primer, intermediate primer and finishing coat

General description

Type of material:	Metal coating for antirust coats on the basis of a modified alkyd resin
Applications:	Satin-gloss metal coating for painting metal designs such as railings, tin roofs, gutters, containers, garden fences, made of iron, steel, zinc or aluminium. For indoor and outdoor use.
Product properties:	Easy application and excellent adhesion properties on iron/metal. Proven one-pot system as primer, intermediate primer and finishing coat in one product. With active corrosion protection.
Shades:	Can only be tinted using the Jansen mixing system



Packaging sizes:	Base A: 705 ml, 2.35 ltr Base C: 675 ml, 2.25 ltr
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Technical data

Binder base:	Modified alkyd resin	
Pigment base:	Titanium dioxide, inorganic and organic coloured pigments	
Density:	Approx. 1.290 – 1.330 g / cm ³ depending on the colour	
Degree of gloss:	Silky gloss	
Viscosity:	Adjusted to brushing consistency	
Thinner:	Synthetic resin thinner max. 3 %	
Drying:	Dust-dry:	Approx. 2 hours
	May be painted over:	After drying overnight
	Fully dry:	Depending on the layer thickness approx. 36
	Resilient:	After approx. 3 days

Low temperatures and / or higher humidity as well as great layer thicknesses delay drying.

Spreading rate: Approx. 10- 12 m²/ ltr per coat; approx. 100 – 130 g/ m² per coat

Method of application

Substrate preparation: All surfaces must be clean, dry, and free of rust, grease and dust. Surface pollution reduces adhesion and must be meticulously removed.

Iron and steel:

Rust, rolling skin, mill scale, etc. must be removed mechanically. Clean dirt and grease.

Tin roofs should have a minimum runoff tendency of 4%.

Paintable plastics (hard PVC):

Clean surface. Sand by using an abrasive web.

Zinc substrates:

Degrease by means of ammoniacal surfactant washing.

Note: Observe BFS leaflet No.5.

Completely remove whitish corrosion material.

Blasting

(sweeping) may be necessary in special cases.

Aluminium:

Degrease , fully remove corrosion by sanding using an abrasive web.

Note: Observe BFS data sheet No. 6.

Anodised aluminium cannot be coated.

Old coatings on an alkyd resin basis:

Test old coatings with regard to their adhesive strength by taking a lattice and chip sample

(VOB (German Construction Contract Procedures), Part C, DIN 18363).

Carefully grind and clean old coatings that are intact. Completely remove damaged and peeling old coatings.

Old coatings on an acrylate basis must be fully removed:

Ensure that the preparation of substrates and the coating itself are state of the art. Please in this respect also note the BFS [German Federal Commission for protection of paint and material assets] data sheets and the VOB [German Construction Contract Procedures], Part C, DIN 18363, Painting and Coating.

Coating structure: Jansen 3 in 1 metal protection is delivered ready to be painted

Iron and steel:

In order to obtain optimum rust protection, we recommend 2 – 3 coats c
3 in 1 metal protection

Stainless Steel:

2 coats with Jansen Ultra-Primer, 1-2 coats of Jansen 3 in 1 metal protection

Zinc substrates:

2 coats with Jansen Ultra-Primer, 1-2 coats of Jansen 3 in 1 metal protection

Aluminium:

2 coats with Jansen Ultra-Primer, 1-2 coats of Jansen 3 in 1 metal protection

Old coatings on an alkyd resin basis:

Depending on the quality of the substrate, 1-2 coats with Jansen 3 in 1 metal protection

Apply a trial coat before actual application.

If several containers are used to apply the final coat, ensure batch uniformity.

Types of application: Spreading, rolling, spraying

Cleaning your tools: Synthetic resin thinner

Storage: Cool, dry and protected from frost. Seal opened container well and turn upside down.

VOC value: EU limit value for this product (cat. A/i):
500 g/l VOC (2010).
This product contains max. 500 g/l VOC.

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

The technical information has been compiled based on state-of-the-art technology. No liability will, however, be accepted for the general validity of individual recommendations, since actual application and processing are not under our control and also since the variable nature of substrates would require a specific method of application for each case, considering specific technical and practical aspects. These recommendations will not absolve the customer from his responsibility to test the supplier's products for suitability for his intended use. The "General Delivery and Payment Conditions of the Paint Industry" as per recommendation approved by the Federal Cartel Office on 1 January 2018, shall be applicable. The publication of this datasheet shall render all previous datasheets for this product invalid.

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