

Agrosit Einschichtlack

1-component alkyd resin one-layer coating



Product description

Description/Material	Fast-drying, semi-matt, 1-component anticorrosive coat.
Binding material / active substances	Based on alkyd resin, contains zinc phosphate.
Purpose	Anticorrosive coat for steel constructions indoors, or outdoors at low stress. For Example for shelf construction, hall construction, supporting structures, travelling cranes, machine and motor housings, electric cabinets etc. Do not use on galvanized surface or zincrich primer.
Properties	One-layer coating, free of lead and chromate.
Colors	According to RAL - color chart.
Packaging / container sizes	<ul style="list-style-type: none"> ■ 5 kg. ■ 25 kg.
Storage	Storable in perfectly sealed original containers, dry and cool, but frost-free, for 18 months.
Quality assurance	High quality products require strict control of raw materials and their processing. In-house chemists ensure this quality from receipt to exit of the goods. AvenariusAgro produces according to the TÜV-approved and certified quality management system ISO 9001-2015 and was awarded with the Responsible Care certificate.

Technical data

Consumption	<ul style="list-style-type: none"> ■ Theoretical: 0,16 kg/m² for 60 µm DFT. ■ Practical: approx. 0,25 kg/m² for 60 µm DFT.
Recommended film thickness	60 µm dry film thickness, equal to approx. 120 µm wet film thickness.
Density	Ca. 1,25 kg/l.
Solids content	<ul style="list-style-type: none"> ■ By weight: 66 %. ■ By volume: 50 %.
Flash point	30 °C.
Drying	According to DIN 53150, for 60 µm dry film thickness, at 23 °C: <ul style="list-style-type: none"> ■ Degree of dryness 1: 1 hour. ■ Degree of dryness 4: 6 hours, at 60 °C object temperature: 30 minutes.
Gloss level	Semi-matt.
VOC	See safety data sheets.
Thinner	Verdünnung 65 or Verdünnung 102, depending on the usage.

Resistance

Chemical	Not for permanent exposure to condensation water.
Mechanical	For low to moderate stress.
Weather	Country-atmosphere.
Temperature	Dry: up to 120 °C.

Processing

Surface preparation	<p>■ Steel: The surface has to be dry and free of fat, oil, dirt and dust. Sandblasting Sa 2½ (EN ISO 8501-1).</p>
Coating proposal	<p>1 - 2 x Agrosit Einschichtlack.</p> <p>1 x Agrosit Einschichtlack (80 µm DFT) Conforms corrosivity-category C2, term of protection: long, acc. to ÖNORM EN ISO 12944-5.</p> <p>1 x Agrosit Einschichtlack (120 µm DFT) Conforms corrosivity-category C3, term of protection: long, acc. to ÖNORM EN ISO 12944-5.</p>
Material preparation	Mix well before use.
Processing temperature	Do not work below +5°C and not above 80 % relative humidity, dew point distance at least 3°C.
Application	<p>■ Brush or Roller application (only for small repair coatings possible, add max. 3 % thinner Verdünnung 65)</p> <p>■ Airless spray application (add max. 3 % thinner Verdünnung 65)</p> <p>■ Air spraying (add max. 5-10 % thinner Verdünnung 65)</p>
Waiting periods	Agrosit Einschichtlack can be overcoated/repair coated after 6 hours at 23°C, or after 30 minutes at 60°C. Low temperatures or high relative humidity extend the waiting periods.
Coating over old coats	Old 1 or 2-component coatings (also solvent containing) are overcoatable after suitable cleaning and grinding. When in doubt, coating a test area is recommended. If the surface gets partially overcoated, then make a color comparison in advance.
Cleaning tools	Verdünnung 65 (Thinner 65) or Verdünnung 102 (Thinner 102).

Regulation governing chemicals

Disposal	Special waste incineration or problematic waste collection points. Do not dispose of together with household waste. Do not allow to enter drainage systems, the soil or water courses. Dispose soiled packaging in the same way as the product itself.
Safety Data Sheet	The safety Data Sheet may be accessed at http://www.avenariusagro.at

Technical Information: Agrosit Einschichtlack, status: 10 / 2016

These technical data were compiled based on state of the art technology and our experience. Due to the many different substrates and conditions of the coated objects, we accept no liability for the technical information provided. The information therefore does not release the buyer / user from his responsibility to professionally test our materials for suitability for his envisaged application, under his pertinent conditions. The validity of this data sheet shall expire following the release of a revised / new PDF version.

Technical advice

Addressing all substrates found in practice and the treatment required when applying this product is beyond the scope of this data sheet. Our technical advisers will gladly assist you with additional detailed information relevant to your specific project.

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