

Agrosit Alu WF 400

Smear-proof silicone-aluminium paint



Product description

Description/Material	High solid, 1-component, smear-proof silicone-aluminium paint.
Binding material / active substances	Based on silicone-resin.
Purpose	For weathered hot surfaces up to 500 °C.
Properties	High resistance against heat and weather.
Colors	Silver.
Packaging / container sizes	25 kg.
Storage	Storable in perfectly sealed original containers, dry and cool, for 1 year.
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: 0,15 kg/m² for 50 µm DFT. ■ Practical: approx. 0,23 kg/m² for 50 µm DFT.
Recommended film thickness	50 µm dry film thickness, equal to approx. 115 µm wet film thickness.
Density	1,25 kg/l.
Solids content	<ul style="list-style-type: none"> ■ By weight: 59 %. ■ By volume: 44 %.
Flash point	25 °C.
Drying	According to DIN 53150, for 50 µm dry film thickness, at 23 °C: <ul style="list-style-type: none"> ■ Degree of dryness 1: 15 min. ■ Degree of dryness 4: 60 min.
VOC	See safety data sheets.
Thinner	Verdünnung 102. The product is adjusted ready to use for airless spray application.

Resistance

Weather	Very good resistance to weather.
Temperature	Dry: up to 500 °C. If a zinc-rich primer is used up to 400 °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), for temporary corrosion protection also manual derusting St 3 is possible.</p>
Coating proposal	<p>■ Up to 400 °C: 1 - 2 x Agrozinc AS or Agrozinc ES (zinc-rich primer max. 100 µm DFT), 1 - 2 x Agrosit Alu WF 400.</p> <p>■ Up to 500 °C: 1 - 2 x Agrosit Alu WF 400.</p>
Material preparation	Mix well before use.
Processing temperature	The coat should be applied at normal temperatures. Do not work below +5 °C and not above 80 % relative humidity, dew point distance at least 3 °C.
Application	Spray application is recommended to achieve a uniform surface. The warm-up of the freshly painted object must be done slowly. When using a zinc-rich primer the temperature load may be max. 400 °C, otherwise film interferences will occur.
Waiting periods	<p>■ Between priming coats, and between priming and top coat: 1 day.</p> <p>■ Between top coats: at least 2 hours.</p> <p>Depending on temperature and drying-conditions. After longer waiting periods, the surface is recoatable after suitable surface preparation.</p>
Final drying period	At least 1 week before temperature load. During the first warm-up the dried coating goes through a plastic phase and hardens permanently when reaching higher temperatures.
Coating over old coats	After suitable cleaning a test coating is recommended.
Cleaning tools	Verdünnung 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 Alu WF 400, 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.

Avenarius-Agro GmbH

Head office & factory: Industriestraße 51, A-4600 Wels, Telefon: +43/7242/489-0, Telefax: +43/7242/489-5700, Internet: www.avenariusagro.at, E-Mail: office@avenariusagro.at

Vienna branch: A-1110 Wien, Sofie-Lazarsfeld-Str. 10, Tel.: 01 / 201 463 072, Fax: 01 / 20 1 46 - 3075, E-Mail: wien@avenariusagro.at