

Agrosit Universal Primer

Anticorrosive primer, weldable



Product description

Description/Material	Ready to use, 1-component anticorrosive primer, free of lead, solvent-containing.
Purpose	As primer and shop primer for corrosion protection of iron- and steel constructions. Add thinner (ca. 20 % Verdünnung 202) for use as a very fast drying, weldable primer. Also useable on galvanized surfaces.
Properties	Fast drying and versatile overcoatable. Add thinner for use as a weldable primer.
Colors	<ul style="list-style-type: none"> ■ Hellgrau (light grey) ■ Rotbraun (red brown)
Packaging / container sizes	<ul style="list-style-type: none"> ■ 1 kg. ■ 5 kg. ■ 25 kg.
Storage	Storable in perfectly sealed original containers, dry and cool, 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: 0,10 kg/m² for 30 µm DFT. ■ Practical: ca. 0,15 kg/m² for 30 µm DFT.
Recommended film thickness	30 µm dry film thickness, equal to 70 µm wet film thickness. As weldable primer (thinned with 20 % Verdünnung 202): 15 µm dry film thickness.
Density	1,5 kg/l.
Solids content	By volume: 45 % (DIN 53219).
Flash point	24 °C.
Drying	According to DIN 53150, for 30 µm dry film thickness, at 23 °C: <ul style="list-style-type: none"> ■ Degree of dryness 1: 15 min. ■ Degree of dryness 4: 25 min. <p>As weldable primer the drying time shortens because of the thinner layer thickness.</p>
VOC	See safety data sheets.
Thinner	Verdünnung 202.

Resistance

Chemical	Water-resistant.
Mechanical	Suitable as shop primer.
Temperature	Dry: up to ca. 80 °C.

Processing

Surface preparation	The surface has to be dry and free of fat, oil, dirt and dust. Sandblasting Sa 2½ (EN ISO 8501-1), at least manual derusting St 3.
Coating proposal	1 - 2 x Agrosit Universal Primer. As weldable primer with 20 % Verdünnung 202: 1 x weldable primer.
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	<ul style="list-style-type: none"> ■ Brush. ■ Roller. ■ Airless spray application (use nozzle size 0,35 mm and pressure of 150 bar). <p>Because of the short drying time airless spray application is preferred. If used as weldable primer, add before application ca. 20 % Verdünnung 202 and stir in well. For weldable primer spray application is preferred.</p>
Waiting periods	<p>6 hours between coatings of Agrosit Universal Primer.</p> <p>After 12 - 24 hours overcoatable with: Alkyd resin paints, Avertol B thix.</p> <p>After 3 days overcoatable with: Agropox 245, Agropox 250 EG, Agropur EG, Agropur MG, Agropur Color, Avertol Epotar.</p> <p>Depending on temperature and drying-conditions. After longer waiting periods, the surface is recoatable after suitable surface preparation.</p>
Coating over old coats	Old coatings are overcoatable after suitable cleaning. When in doubt, coating a test area is recommended.
Cleaning tools	Verdünnung 202 (Thinner 202).

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 Universal Primer, 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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