

# Agrolit Einschichtlack

water based 1K-acryl anticorrosive coat



## Product description

Description/Material	1-component, semi-matt, covering anticorrosive coat.
Binding material / active substances	Acrylate-based - aqueous, with integrated corrosion protection.
Purpose	Anticorrosive coat, especially on steel and galvanized surfaces. For example for structural steel engineering, hall construction, supporting structures etc.
Properties	Semi-matt, good chalking and colour stability. Suitable for low corrosion loads as a one-coat paint (with 100 µm dry film up to C2 - high)
Colors	In most colors according to RAL- and NCS-color chart.
Packaging / container sizes	28 kg.
Storage	Frost-free and well-sealed in original containers: storable 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"> <li>■ Theoretical: 0,250 kg/m<sup>2</sup> for 100 µm DFT (white)</li> </ul>
Density	<ul style="list-style-type: none"> <li>■ 1,2 – 1,3 kg/l (white).</li> </ul>
Solids content	<ul style="list-style-type: none"> <li>■ By volume 50 % (DIN 53219) white.</li> </ul>
Flash point	Non-flammable.
Drying	<p>at 20°C, 50 % relative humidity:</p> <ul style="list-style-type: none"> <li>■ Degree of dryness 6: 120 minutes.</li> </ul>
Gloss level	Ensure adequate ventilation during drying. Semi-matt.
VOC	See safety data sheets.
Thinner	Clean water.

## Resistance

Weather	Good resistance against weather, largely color stable.
Temperature	Dry: up to 60°C.

## Processing

Surface preparation	<ul style="list-style-type: none"> <li>■ <b>Steel:</b> The surface has to be dry and free of fat, oil, dirt and dust. Sandblasting Sa 2½ (EN ISO 8501-1), for low stress also manual derusting St 3 is possible.</li> <li>■ <b>Galvanized steel:</b> The surface has to be dry and free of fat, oil, dirt and dust. Remove white rust by sweep-blasting, only in exceptional cases by grinding.</li> </ul>
Coating proposal	<ul style="list-style-type: none"> <li>■ <b>Steel:</b> At low corrossions load: 1 x Agrolit Einschichtlack (100 µm DFT)</li> <li>■ <b>Galvanized steel:</b> 1-2 x Agrolit Einschichtlack</li> </ul>
Material preparation	Mix well before use.
Processing temperature	+10°C to +40°C (Applies to material, substrate, ambient conditions) Do not work above 70 % relative humidity, dew point distance at least 3°C.
Application	<ul style="list-style-type: none"> <li>■ Spray application, airless spray application.</li> <li>■ Brush or roller application</li> <li>■ Thinner (water): usually not necessary.</li> </ul>
Waiting periods	At least 6 hours. Low temperatures and/or high humidity delay the drying. Depending on temperature and drying-conditions. After longer waiting periods, the surface is recoatable after suitable surface preparation.
Final drying period	The final adhesion and strength is reached after 2 weeks. Until then avoid mechanical stress, especially manipulation and transport of the coated parts. In the event of unfavourable weather conditions (e.g. snow or rain), removal from storage is possible after 3 days at the earliest.
Coating over old coats	Old coatings are overcoatable after suitable surface preparation. When in doubt, coating a test area is recommended. If the surface gets partially overcoated, then make a color comparison in advance.
Cleaning tools	Before initial drying with water.

## Regulation governing chemicals

Notes	If the product requires labelling, please observe the safety data sheet on our website and the information on the container label.
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Technical Information: Agrolit Einschichtlack, status: 07 / 2024

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.