

# Agrosit MG 80

Low-solvent anticorrosive coat



## Product description

Description/Material	1-component, thick-film, low-solvent coating material. User- and eco-friendly.
Binding material / active substances	Based on combined synthetic resins. Contains zinc phosphate and micaceous pigments.
Purpose	For steel or galvanized steel structures at country, city, industrial and sea atmosphere, such as hall construction, pipelines, bridges, metal-facades, roofs, lampposts, wall and ceiling panelling, containers etc. Especially suitable for overcoating old coats.
Properties	The thixotropic setup enables high layer thicknesses per working step, which results in economic work. High resistance against chalking, high color stability. No embrittlement and overcoatable after a long time without difficulties. After a short time the coating is insensitive to rain and dew, and resistant to condensation water. Due to the implemented corrosion protection the coating can be applied without a primer.
Colors	According to RAL- and NCS - color chart.
Packaging / container sizes	<ul style="list-style-type: none"> <li>■ 6 kg.</li> <li>■ 22 kg.</li> </ul>
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"> <li>■ Theoretical: 0,20 kg/m<sup>2</sup> for 80 µm DFT.</li> <li>■ Practical: ca. 0,24 kg/m<sup>2</sup> for 80 µm DFT.</li> </ul>
Recommended film thickness	80 µm dry film thickness, equal to ca.130 µm wet film thickness.
Density	Ca. 1,45 kg/l.
Solids content	By volume: 60 % (DIN 53219).
Flash point	Ca. 40 °C.
Drying	According to DIN 53150, for 80 µm dry film thickness, at 20 °C: <ul style="list-style-type: none"> <li>■ Degree of dryness 1: 5 hours.</li> <li>■ Degree of dryness 4: 20 hours.</li> <li>■ Degree of dryness 6: 26 hours.</li> </ul>
VOC	See safety data sheets.
Thinner	Verdünnung 149.

## Resistance

Chemical	Very good resistance against industrial atmosphere, condensation water, and temporary exposure to sea water, cooking salt, diluted acids and caustic solutions. Not enough resistance against permanent exposure to alcohols, fat oils, fuels, mineral oils etc., but occasionally exposure by splashes does no damage. Not for permanent exposure to underwater.
Weather	Very good resistant to weather.
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), or for lower demands to durability: at least manual derusting St 3.</li> <li>■ <b>Galvanized steel:</b> The surface has to be dry and free of fat, oil, dirt and dust. Remove white rust by grinding, rusty subareas: manual derusting St 3 and immediately priming.</li> </ul>
Coating proposal	<ul style="list-style-type: none"> <li>■ <b>Steel:</b> 1 x prime coat with Agrosit EG Primer or Agrosit Universal Primer, Agrosit MG 80, Agrosit EG 80, or at blast derusting with Agrozinc SW. 2 x Agrosit MG 80.</li> <li>■ <b>Galvanized steel:</b> 1 - 2 x Agrosit MG 80.</li> </ul>
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"> <li>■ Brush.</li> <li>■ Roller.</li> <li>■ Airless spray application.</li> </ul>
Waiting periods	Between priming and top coat, and between top coats: at least 1 day. Depending on temperature and drying-conditions. After longer waiting periods, the surface is recoatable after suitable surface preparation.
Final drying period	The complete drying lasts several days, depending on layer thickness and temperature. Only then the coating is fully stressable to mechanical and chemical load. Take care of good ventilation of the coated surface.
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	Verdünnung 149 (Thinner 149).

## 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 <a href="http://www.avenariusagro.at">http://www.avenariusagro.at</a>

Technical Information: Agrosit MG 80, 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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