

# Agropox 260 MG

2-component-epoxy-coat



## Product description

Description/Material	2-component anticorrosive coat.
Binding material / active substances	Based on epoxy resin, contains micaceous pigments.
Purpose	As a top coat for all kinds of steel construction, indoors and outdoors, for example bridges, pipelines, tanks or hall constructions. Excellent adhesion on galvanized steel under dry conditions.
Properties	The coating is tough-elastic and hard, but not brittle, and easy to clean. Smooth surface with high abrasion resistance.
Colors	According to RAL - color chart.
Packaging / container sizes	<ul style="list-style-type: none"> <li>■ 5 kg (incl. component B).</li> <li>■ 25 kg (incl. component B).</li> </ul>
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"> <li>■ Theoretical: 0,19 kg/m<sup>2</sup> for 80 µm DFT.</li> <li>■ Practical: approx. 0,27 kg/m<sup>2</sup> for 80 µm DFT.</li> </ul>
Recommended film thickness	80 µm dry film thickness, equal to approx. 140 µm wet film thickness.
Mixing ratio	85 parts by weight comp. A 15 parts by weight comp. B
Density	1,3 - 1,4 kg/l.
Pot life	<ul style="list-style-type: none"> <li>■ At 10°C: approx. 8 hours.</li> <li>■ At 20°C: approx. 6 hours.</li> <li>■ At 30°C: approx. 4 hours.</li> </ul>
Solids content	By volume: 58 % (DIN 53219) for color shade white.
Flash point	<ul style="list-style-type: none"> <li>■ Component A: 26 °C.</li> <li>■ Component B: 30 °C.</li> <li>■ Mixed material: 26 °C.</li> </ul>
Drying	According to DIN 53150, for 80 µm dry film thickness, at 23 °C: <ul style="list-style-type: none"> <li>■ Degree of dryness 1: 90 min.</li> <li>■ Degree of dryness 4: 8 hours.</li> </ul>
VOC	See safety data sheets.
Thinner	Verdünnung 224.

## Resistance

Chemical	Diluted inorganic acids, diluted caustic solutions, fats and oils, occasionally exposure of many solvents and fuels.
Mechanical	High abrasion resistance, high impact and strike resistance.
Weather	Very good weather resistance. At UV load slightly chalking of the surface.
Temperature	<ul style="list-style-type: none"> <li>■ Dry: up to 150 °C, for a short time up to 180 °C.</li> <li>■ Wet: up to 80 °C.</li> </ul>
Hot water	Up to 40 °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).</li> </ul>
Coating proposal	<ul style="list-style-type: none"> <li>■ <b>Steel:</b> 1 - 2 x Agrozinc SW (sandblasting necessary), 1 - 2 x Agropox 260 MG. or: 1 - 2 x Agropox Minium or Agropox Phosphat, 1 - 2 x Agropox 260 MG.</li> </ul> <p>At brilliant colors a second top coat can be necessary for perfect opacity, depending on the applied dry film thickness and the application method. Using a light-colored prime coat is also an advantage. At special demands to the UV-resistance use Agropur Color as an additional top coat.</p>
Material preparation	Mix component A and B thoroughly at specified mixing ratio. Mix only the quantity, which can be applied within the pot life.
Processing temperature	Do not work below +5 °C and not above 80 % relative humidity, dew point distance at least 3 °C. Take care of good ventilation of the coated surface.
Application	<ul style="list-style-type: none"> <li>■ Brush.</li> <li>■ Roller.</li> <li>■ Airless spray application.</li> </ul>
Waiting periods	<ul style="list-style-type: none"> <li>■ Between priming and top coat: at least 1 – 2 days.</li> <li>■ Between Agropox 260 MG-coats: at least 1 day.</li> </ul> <p>Depending on temperature and drying-conditions. After longer waiting periods, the surface is recoatable after suitable surface preparation.</p>
Final drying period	Exposure to chemical and mechanical stress: after at least 10 days. Exposure to underwater: after at least 14 days.
Coating over old coats	Old Epoxy- or Polyurethane-coatings: grinding or sweep-blasting, free of dust. When in doubt, coating a test area is recommended.
Cleaning tools	Verdünnung 224 (Thinner 224). If not in continuous use, clean tools within the pot life.

## 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: Agropox 260 MG, 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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