## Agropur OC 50 Polyurethane one-layer coating



Description/Mailed     Fasidiving. salingloss. 2 component costing with integrated correston protection.       Binding material / active substances     Polyurehone       Purpore     Forcersion protection of seal. galvanized seal and aluminum, durable decorative effect.       Mainly for inclustif, manthies and equiporent costings.     High resistance against chalking, very high color stability, lough elastic.       Properties     High resistance against chalking, very high color stability, lough elastic.       Producing material / active scal divergence slightly depending on raw materials.     Source and vergence slightly depending on raw materials.       Producing material / active scale of ginal containers, dray and cool, for 18 months.     Protecting containers stars in their processing. In house chemists ensure this quality from recease location tere goed. Non-maturization or materials and their processing. In house chemists ensure this quality management system SO 5001 2015 and was awarded with the Response ble Care certificate.       Consumption     High quality and/care goed in SO 1000 DFT.       In eactive in 2012 / Kg/m for 80 ym DFT.     Headralice: a.0.27 Kg/m for 80 ym DFT.       In eactive in 2012 / Kg/m for 80 ym DFT.     Headralice: a.0.27 Kg/m for 80 ym DFT.       In antisy volume comp. B     In antisy volume comp. A       In antisy volume comp. B     In antisy volume comp. A       In antisy volume comp. B     In antisy volume comp. A       In antisy volume comp. B     In antisy volume comp. A       In antisy volume comp. B     In antisy volume	Product description		
PurposeFor corrosion protection of steed, galvanized steel and aluminium, durable decorative effect. Mainly for industrial, machine and equipment costings.PropertiesHip resistance against chaking, very hip color stability, toughelastic. Or request. The colors can divergence slightly depending on raw materials.Packaging / container sizes30 kg (ncl. component B).Storable in perfectly sealed original containers, dry and cool, for 18 months. Partial quantities of opened containers have to be used up fast.Cuality assuranceHigh quality products require strict control of raw materials and their processing. In house chemists ensure this quality from regict to exit of the goods. Averanticus/grop produces according to the TUV approved and certified quality management system ISO 900 12015 and was awarded with the Responsible Care certificate.Consumption1 heoreflicat: 0.18 kg/m2 for 80 µm DFI. • Particat: a. 0.27 kg/m2 f	Description/Material	Fast-drying, satin-gloss, 2-component coating with integrated corrosion protection.	
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<ul> <li>Degree of dryness 1: 1 hour</li> <li>Degree of dryness 4: 3 hours.</li> <li>Degree of dryness 6: 6 hours.</li> <li>Gloss level</li> <li>Satin-gloss.</li> <li>VOC</li> <li>See safety data sheets.</li> </ul>	Solids content		
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	Gloss level	Satin-gloss.	
Thinner Verdünnung 65 or Verdünnung 80.			
	Thinner	Verdünnung 65 or Verdünnung 80.	

Resistance		
Chemical	Good resistance against water, occasionally fumes of acid and caustic solutions, oils, fats and short term exposure to	
Markardad	fuels.	
Mechanical	The coating is tough-elastic and hard, but not brittle. Largely insensitive to knocks and very abrasion resistant. Aluminium pigmented color shades (RAL 9006 and RAL 9007) are not wipe-proof.	
Weather	Resistant to weather, very high resistance against chalking and very high color stability.	
Temperature	Dry: up to 150°C.	
Processing		
Surface preparation	■ Steel: The surface has to be dry and free of fat, oil, dirt and dust. Sandblasting Sa 2½ (EN ISO 8501-1).	
	<ul> <li>Galvanized steel: The surface has to be dry and free of fat, oil, dirt and dust. Remove white rust (grinding or sweep-blasting), for outdoor areas sweep-blasting is necessary.</li> </ul>	
	<ul> <li>Aluminium: The surface has to be dry and free of fat, oil, dirt and dust. Grinding or sweep-blasting, for outdoor areas sweep-blasting is necessary.</li> </ul>	
Coating proposal	At bright or brilliant colors a second top coat can be necessary for perfect opacity.	
	■ Steel: At low load: 1 x Agropur OC 50 (80 µm DFT).	
	At stronger load: 1 – 2 x Agropox Speed Primer or Agropox Primer, 1 x Agropur OC 50.	
	<ul> <li>Galvanized steel and aluminium: Indoors without primer 1 - 2 x Agropur OC 50. Outdoors: 1 x Agropox Filler 60. 1 - 2 x Agropur OC 50.</li> </ul>	
Material preparation	Stir up well component A. Then mix component A and B at specified mixing ratio. Mix only the quantity, which can be applicated 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.	
Application	Airless spray application.	
Waiting periods	<ul> <li>Between priming coats, and between priming and top coat:</li> <li>- if Agropox- prime coats are used: see Technical Information.</li> <li>Between top coats: at least 5 hours.</li> </ul>	
	Depending on temperature and drying-conditions. After longer waiting periods, the surface is recoatable after suitable surface preparation.	
Final drying period	<ul> <li>At 10° C: approx. 14 days.</li> <li>At 20° C: approx. 10 days.</li> <li>At 30° C: approx. 7 days.</li> <li>Take care of good ventilation of the coated surface.</li> </ul>	
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. If the surface gets partially overcoated, then make a color comparison in advance.	
Cleaning tools	Verdünnung 65 or Verdünnung 80 (Thinner 65 or Thinner 80). 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 http://www.avenariusagro.at	

Technical Information: Agropur OC 50, status: 01 / 2018

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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