

Agropox Shopprimer

2K-epoxy zinc phosphate primer



Product description

Description/Material	2-component, chemical hardening epoxy coat for steel surfaces. Shopprimer for high welding and cutting speed with less welding pores and reduced burn-through. Fast-drying and therefore suitable for stacking shortly after application. Can be used as temporary primer during the construction phase.
Binding material / active substances	Based on epoxy resin, contains zinc phosphate.
Purpose	Industry: Suitable for construction steel and pipes, which are exposed to corrosive environments. Recommended as a delivery- and welding-primer.
Properties	Very fast-drying, 2-component anticorrosive primer.
Colors	Rotbraun (red brown).
Test certificates / Approvals	Tested as weldable shopprimer according to DIN EN ISO 17652-2:2003-07 (approved as welding primer by DVS-Duisburg).
Packaging / container sizes	26 kg (incl. component B).
Storage	Storable in perfectly sealed original containers, dry and cool, for 2 years.
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: 66 g/m² for 20 µm DFT. ■ Practical: ca. 100 g/m² for 20 µm DFT. 																
Recommended film thickness	Recommended are 15 – 30 µm DFT. 20 µm dry film thickness, equal to 50 µm wet film thickness.																
Mixing ratio	<ul style="list-style-type: none"> ■ 12 parts by weight comp. A 1 part by weight comp. B ■ 8 parts by volume comp. A 1 part by volume comp. B 																
Density	Ca. 1,35 kg/l.																
Pot life	At 23°C: ca. 4 days.																
Solids content	By volume ca. 40 % (DIN 53219).																
Drying	<table border="1"> <thead> <tr> <th>at 20 µm DFT, surface temperature:</th> <th>+5°C</th> <th>+10°C</th> <th>+23°C</th> </tr> </thead> <tbody> <tr> <td>dust-dry</td> <td>15 min</td> <td>10 min</td> <td>1 min</td> </tr> <tr> <td>overcoatable</td> <td>15 h</td> <td>10 h</td> <td>7 h</td> </tr> <tr> <td>stressable</td> <td>21 d</td> <td>14 d</td> <td>7 d</td> </tr> </tbody> </table>	at 20 µm DFT, surface temperature:	+5°C	+10°C	+23°C	dust-dry	15 min	10 min	1 min	overcoatable	15 h	10 h	7 h	stressable	21 d	14 d	7 d
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VOC	See safety data sheets.																
Thinner	Verdünnung 224.																

Resistance

Chemical	Industrial atmosphere. Not for exposure to underwater or condensation water.
Mechanical	Impact-resistant.
Temperature	Dry, atmospheric: up to 120°C. The mentioned temperature refers to the upholding of the protection properties. Esthetic properties can get damaged at this temperature.

Processing

Surface preparation	<ul style="list-style-type: none"> ■ Steel: The surface has to be dry and free of fat, oil, dirt and dust. Sandblasting Sa 2½ (EN ISO 8501-1).
Coating proposal	1 x 20 µm Agropox Shopprimer.
Material preparation	Mix component A and B thoroughly 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: <ul style="list-style-type: none"> ■ Spray nozzle pressure at least 50 bar ■ nozzle size 11-13 (inch/1000)
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 http://www.avenariusagro.at

Technical Information: Agropox Shopprimer, status: 11 / 2017

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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