



SWARCO VICAS SA

Anticorrosive and decorative paints



ALKYD ACRYLIC SYSTEM

SWARCO | First in Traffic Solutions.

ALKYD ACRYLIC SYSTEM

1 Field of use. Characteristics

ALKYD ACRYLIC SYSTEM can be used for:

- ✓ anticorrosive protection and decoration of metal surfaces, used in indoor and outdoor spaces, including machinery and equipment;
- ✓ Main features of ALKYD ACRYLIC SYSTEM:
- ✓ good adhesion to support, hardness, fastness to weather, impact resistance, great hiding power;
- ✓ very fast drying;
- ✓ resistance to aggressive climatic conditions (TH or THA climate).

2 System componence

Product	Ferrous metal surfaces
Grund Seria 5620	2 layers x 60-70 µm wet
Email Seria 5620	2 layers x 60-70 µm wet

3 Technical Data

Technical characteristic	Acceptance Criteria	
	Grund Seria 5620	Email Seria 5620
Color	gray, red oxide	On request, according to RAL card
Solid content, %,minimum	60	45
Density, g/cm ³	1.1 -1.5	0.9 -1.25
Drying time, 23±2°C, hours:		
- touch	maximum 1	maximum 2
- final	maximum 3	maximum 6
Drying time 80±2°C, hours	maximum 1	
Application conditions	Ambient temperature:10÷35°C/ surface temperature:10÷40°C/relative humidity of the air max. 70%	
Spreading rate	8-10 m ² /kg and layer	10-12 m ² /kg and layer

4 Application methode

Methode	Grund Seria 5620	Email Seria 5620
	DILUTION (with DILUROM - DILUANT 523).	
○ AIRLESS: - nozzle diameter: 0.33-0.43 mm - pressure: 120-160 bar - viscosity: 35-50 sec. Ø 4 mm ○ Brush ○ - viscosity: 35-50 sec. Ø 4 mm	maximum 5%	
○ Compressed air gun: - nozzle diameter:1.2-1.8 mm - pressure: 3-4 bar ○ - viscosity: 25-30 sec. Ø 4 mm	maximum 12%	

Homogenise the products by mixing in the original containers prior to the processing.

The successive product layers (Grund Seria 5620/Email Seria 5620) are to be applied "wet on wet" after solvent evaporation of previous layer (aprox. 15 minutes).

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5 Preparing the surfaces

The surface must be dry, clean and free of grease, oil or other impurities.

Repainting old coatings	Before applying the products to a surface where another layer of paint has been applied, compatibility with the previous layer must be checked. Applying the product to old paint layers should be done after mechanical roughening of the surface with abrasive discs.
Ferrous metal surfaces	Preparation up to grade Sa 2 ½ according to SR EN ISO 8504-2 (for surfaces prepared by sandblasting). Prepare to Mechanical Prepare 3 according to SR EN ISO 8504-3 (for manual or mechanical cleaning). Grund Seria 5620 must be applied within 4 hours from blasting / mechanical preparation. Application of Email Seria 5620 on metal surfaces must be done 24 hours after applying Grund Seria 5620.

NOTE: All application instructions, information regarding the field of use as well as the performance data in this Technical Data Sheet, are general in nature, therefore we recommend testing the products under the specific usage scope and user's own application technology. Please consult the manufacturer for additional clarifications. The final decision on the desirability for using the products is the exclusive responsibility of the user.