Technical Data Sheet





WA4938HRU905 FREIOTHERM-ATL-Catalysator

Product description

Product technology anodic electrocoat paint depositable 1K

Application area e.g. in the mechanical engineering and plant construction sector

Type of paste Special Paste

Corrosion protection very good

General product properties

Binder-Base Acrylic-Epoxy Resin

Viscosity 2000-6000 mPa*s

MEQ-Base-Value 28-35 mg/g DIN EN ISO 15880

Density1,0-1,2 g/cm³theoreticalSolid mass53-57 %theoretical

Resistance to storage approx. 12 month in original packagings at an ambient temperature of 5 to 25 °C. Protect

from frost. Open packages are to be used within a short time.

The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.

Application and processing

Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust,

scale, mill scale, wax and release agent residues. We recommend the use of suitable mechanical pre-treatment processes (e.g. blasting, grinding) or chemical pre-treatment

processes (e.g. phosphating) according to the requirements.

Gloss value 40-60 GU, Angle 60° DIN EN ISO 2813

Recommended coating

thickness

12-25 µm

pH-Value 8,3-8,6 DIN 19260

Cunductance 1700-2700 μS/cm

 Solid mass
 17-19 %
 DIN EN ISO 3251

 MEQ-Base-Value
 55-65 mg/g
 DIN EN ISO 15880

Organic Solvent Content 0,6-2,0 %

Bath Temperature 24-27 °C

Coating Time 60-180 sec.

Deposition Voltage 100-220 Volts

Our technical data sheets are to provide you with advice based on our latest state of knowledge. This guidance does not release you from your own obligation to test our products for their suitability for your intended purposes and applications.

The sale of our products is in accordance with our terms of business, delivery and payment.

DIN EN ISO 9001 | IATF 16949 | EMAS

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Page 1/2 | Version 1 Revision date: Jun 24, 2025 Print date: Jun 24, 2025

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Turn-over 1 Turnover per year

To ensure bath stability and thus the coating quality, the specified turnover (solids

exchange of the tank) must be observed.

Mechanical tests

Test substrate	on steel, purified alkaline	
Cross-cut-test	Gt 0	DIN EN ISO 2409

Comments	
Work-and Healthprotection	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health and Safety at Work and environmental protection can be found in the corresponding safety data sheet.
Test conditions	All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge an experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.
	The information provided here contains reference values and does not constitute a specification.

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Page 2/2 | Version 1