Technical Data Sheet

FreiLacke

WK4036HRU999
FREIOTHERM-KTL-Special

Product description

Product technology	cathodic electrocoat paint depositable 2K
Application area	e.g. in the job coater sector
Property	Thick layer application
Type of paste	Transparent paste, fully neutralised

General product properties

Binder-Base	Expoxy Resin, modified	
MEQ/s-Value	30 - 40 mmol/100g	DIN EN ISO 15880
Density	1,0-1,2 g/cm³	theoretical
Solid mass	36-38 %	theoretical
Resistance to storage	approx. 9 month in original packagings at an ambient temperature of 5 to 30 °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.
Mixin ratio	The mixing ratio is dependent on various factors and is therefore coordinated with the relevant system in cooperation with the application technology department.
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.

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.

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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