Technical Data Sheet





WK4035HRU999 FREIOTHERM-KTL-Automotive

Product description

Product technology cathodic electrocoat paint depositable 2K

Application area Application, 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 26-34 mmol/100g DIN EN ISO 15880

Density1,0-1,2 g/cm³theoreticalSolid mass36-38 %theoretical

Resistance to storage approx. 6 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.

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 ETL 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.

Print date: Jul 4, 2023

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 | DIN ISO 45001

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