Technical Data Sheet





WA4422GE601A FREIOTHERM-ATL-WheeITec

Product description

Product technology	anodic electrocoat paint depositable 1K
Application area	e.g. in the automotive sector
Application	Primer
Type of paste	Pigment paste, fully neutralised
Scratch resistance	high scratch resistance

General product properties

Binder-Base	Acrylic Resin		
Colour	green translucent		
MEQ-Base-Value	45-65 mg/g	DIN EN ISO 15880	
Density	1,0-1,2 g/cm³	theoretical	
Solid mass	35-43 %	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.		
Gloss value	>50 GU, Angle 60°	DIN EN ISO 2813	
Recommended coating thickness	15-20 μm		
pH-Value	7,5-9	DIN 19260	
Cunductance	700-1200 μS/cm		
Solid mass	8-12 %	DIN EN ISO 3251	
MEQ-Base-Value	45-60 mg/g	DIN EN ISO 15880	
Bath Temperature	24-27 °C		
Coating Time	60-90 sec.		
Deposition Voltage	50-150 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

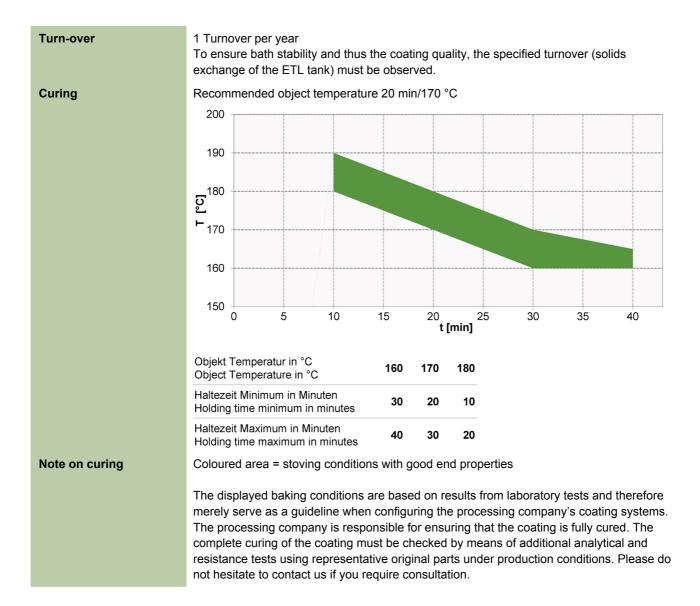
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Mechanical tests					
Test substrate	on aluminium /aluminium pressure casting				
Cross-cut-test	Gt 0		DIN EN ISO 2409		
Climatic tests					
Test substrate	on aluminium /aluminium pressure casting				
Condensate constant climate	Load duration Detachment Cut	240 h <1 mm	DIN EN ISO 6270-2 (CH) DIN EN ISO 4628-8		
Neutral salt spray test	Load duration Detachment Cut	240 h <1 mm	DIN EN ISO 9227 (NSS) DIN EN ISO 4628-8		
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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