



FREIOTHERM-KTL-Acrylate

WK4195HRU916

Characteristics	<ul style="list-style-type: none"> ■ Cathodic electrocoat paint depositable 1K ■ Application, e.g. in the construction and sanitary sector ■ Pigment paste, fully neutralised ■ Primer and single coat system ■ Very good light- and weather resistance 	
Technical / Physical Data	<ul style="list-style-type: none"> ■ Binder-Base Acrylic Resin, modified ■ Colour traffic white Based on the specified colour template (i.e. RAL) ■ Solid Mass DIN EN ISO 3251 68-70 % ■ Density calculated 1,25 g/cm³ ■ MEQ/s-Value 24-29 mmol/100g ■ Viscosity 3000-7000 mPa.s ■ Test layer thickness 16-20 µm 	
Mechanical Test	<ul style="list-style-type: none"> ■ on iron phosphating ■ Cross-cut-test DIN EN ISO 2409 Gt 0 	
Resistance Test	<ul style="list-style-type: none"> ■ on iron phosphating ■ Condensate constant climate DIN EN ISO 6270-2 (CH) 504 hours water ingress Wb <0,5 mm DIN EN ISO 4628-8 ■ Salt spray test (NSS) DIN EN ISO 9227 192 hours water ingress Wb <3 mm DIN EN ISO 4628-8 	
Processing and application Dependent on plant and buildings	<ul style="list-style-type: none"> ■ Pretreatment The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, rolling skin, wax and separating agent residue. For more demanding requirements on corrosion inhibiting properties, we recommend suitable conversion processes (e.g. phosphatizing). ■ Gloss value DIN EN ISO 2813 65-85 geometry 60° ■ pH-Value 4,7-5,3 ■ Cunductance 600-1100 µS/cm ■ Solid Mass DIN EN ISO 3251 11-13 % ■ Organic Solvent Content 2-6 % ■ Bath Temperature 30-32 °C ■ Coating Time 120-240 seconds ■ Deposition Voltage 100-260 voltage ■ Health & Safety at Work guidelines 	

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 and delivery.



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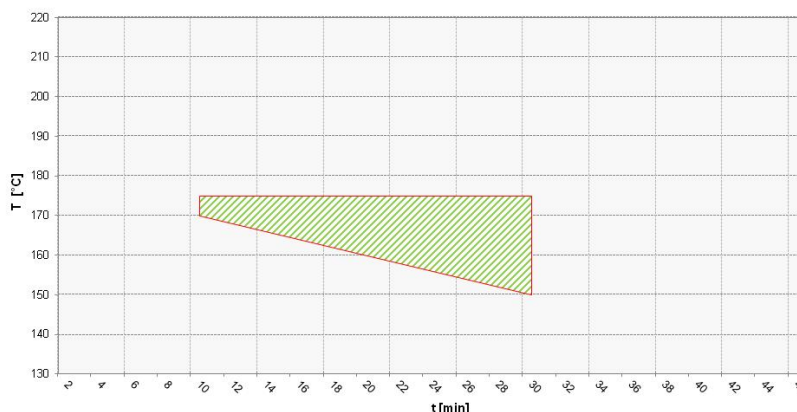
The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Curing

■ Object temperature

Recommended baking temperature 20 Min./160 °C

green cross-hatching = baking conditions with good final properties



Resistance to storage

■ One Turn-Over per year

Approx. 9 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.

Specific comments

■ Test conditions

All information is based on a standard climate 23/50 DIN EN 23270.

All information is based on our product knowledge and 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.