



DL1280M_HE0052 FREOPOX-Filling Primer

Product description

Product technology	solvent-based 2-component coating	
Application area	For rail vehicles and components	
Drying	quickly	
Grindability	good	
Over-coating capability	quickly	
Substrate	Primer and putty for rail vehicles and components	

General product properties

Binder-Base	Epoxy resin	
Viscosity	1500-2500 mPa*s	
Solid mass	58-64 % after addition of hardener	theoretical
Solid content in volume	38-40 % after addition of hardener	theoretical
Resistance to storage	<p>approx. 24 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.</p> <p>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.</p>	

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.	
Structure recommendation	Intermediate layer	DL1280M Dry film thickness 60-100 µm
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	
Hardener	HE0052	
Mixin ratio	Parts by weight 5:1	
Thinning	EFD dilution 400424	
Dry film thickness	must not exceed 250 µm – risk of reaction bubbles.	
Object temperature	10-30 °C, minimum +3 °C above dew point temperature	
Processing conditions	Room temperature 18-28 °C Relative humidity 30-80 %	

Comments

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

Page 1/2 | Version 0

FreiLacke | Emil Frei GmbH & Co. KG

Am Bahnhof 6
78199 Bräunlingen-Döggingen | Deutschland
+49 77071510

www.freilacke.de | info@freilacke.de

Print date: Jul 25, 2023



DL1280M_HE0052 FREOPOX-Filling Primer

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 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.