



WU1410_HU0750 EFDEDUR-Hydro-Filler

Product description

Product technology	water-thinnable 2C coating	
Application area	e.g. in the vehicle construction sector	

General product properties

Binder-Base	Acrylic Resin	
Viscosity	1900-2300 mPa*s, spindle 4, 60 revolutions/min.	DIN EN ISO 2555
Solid mass	55 - 60 % after addition of hardener	theoretical
Solid content in volume	40 - 45 ml/kg after addition of hardener	theoretical
Resistance to storage	<p>approx. 12 month in original packagings at an ambient temperature of 18 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

Tool/mould	<p>Metal forms</p> <p>GRP types (of glass fibre-reinforced plastic)</p>	
Pretreatment	The substrate must be free of adhesion-impairing substances such as oil, grease, rust, scale, mill scale, wax and release agent residues.	
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water.	
Hardener	HU0750	
Mixin ratio	Parts by weight 6 : 1	
Thinning	demineralised water	
Dry film thickness	must not exceed 100 µm – risk of reaction bubbles.	
Object temperature	10-30 °C, minimum +3 °C above dew point temperature	
Processing conditions	<p>Room temperature 18-28 °C</p> <p>Relative humidity 30-80 %</p>	
Processing time	<p>max. 3 hrs. / 20 °C</p> <p>End of the processing time cannot be detected from gelling. The processing time can decrease at higher temperatures and/or under pressure.</p>	
Airmix spraying	<p>35 - 40 sec. / 4 mm viscosity cup</p> <p>Nozzle 0,28 mm angle 30°</p> <p>Material pressure 160 bar</p> <p>Atomiser pressure 2-3 bar</p>	DIN 53211



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High pressure spraying	18 - 22 sec. / 6 mm Flow cup Nozzle 1,6 mm Injection pressure 2 - 2,5 bar	DIN 53211
Oven drying	up to 80 °C possible	
Cleaning of equipment	immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent 400916, dried-on equipment with org. solvents, e.g. EFD thinner 400424. Do not mix curing agent with water! The cleaning must be carried out with organic solvents.	

Further processing of coated pieces

Repainting	possible after grinding. Clean the grinded surface removing adhesion-impairing materials afterwards.
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Comments

EFD info	Further technical information can be found in the EFD Info. No. 111 + 510.
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.