



UR1911M_HU0032 EFDEDUR-Filler

Product description

Product technology	solvent-based 2-component coating
Drying	quickly
Grindability	good
Substrate	PUR (polyurethane foam), Steel

General product properties

Binder-Base	Acrylic Resin		
Colour	in accordance with RAL 840 HR other colours on request		
Gloss value	mat	5-15 GU, Angle 85°	DIN EN ISO 2813
Viscosity	1000-2000 mPa*s, spindle 4, 60 revolutions/min.		DIN EN ISO 2555
Density	1,3-1,5 g/ml after addition of hardener		theoretical
Solid mass	64-68 % after addition of hardener		theoretical
Solid content in volume	315-335 ml/kg after addition of hardener		theoretical
Reference product	The specified values refer to the product UR1911MRU910.		
Resistance to storage	<p>approx. 18 month in original packagings at an ambient temperature of 5 to 25 °C. 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	Substrate	Steel
		Primer	UR1911M Mixing ratio 10:1 Dry film thickness 40-60 µm
		Top coat	UR1040 Coating thickness 40-60 µm
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).		



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Hardener	HU0032	
Mixin ratio	Parts by weight 10:1	
Thinning	EFD dilution 400018	
Processing conditions	Room temperature 18-24 °C	
Processing time	max. 4 hrs. / 20 °C The processing time can decrease at higher temperatures and/or under pressure.	
Airless spraying	Set to 50-60 sec / 4 mm flow-cup after adding hardener Nozzle 0,33 mm Material pressure 150 bar	DIN 53211
High pressure spraying	Set to 20-30 sec / 4 mm flow-cup after adding hardener Nozzle 1,8 mm Spray pressure 3-4 bar	DIN 53211
Material usage	without application loss 150-160 g/m ² layer thickness 50 µm after addition of hardener	theoretical
Oven drying	up to 100 °C possible	
Dust drying	after 10 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Dry to the touch	after 12 hours (degree of dryness 4)	DIN EN ISO 9117-5
Full drying	after 24 hours (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	EFD dilution 400500	

Further processing of coated pieces

Repainting	after 20 min. / room temperature approx. 20 °C.
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Comments

EFD info	Further technical information can be found in the EFD Info. No. 170+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.