



UR1400M_HU0343 EFDEDUR-Primer

Product description

Product technology	solvent-based 2-component coating
Application area	e.g. in the vehicle construction sector
Drying	quickly
Full drying	fast complete drying
Grindability	good
Filling capacity	very good
Substrate	Non-ferrous metals, Steel

General product properties

Binder-Base	Acrylic Resin	
Colour	in accordance with RAL 840 HR other colours on request	
Gloss visually	tuff mat	
Viscosity	850-950 mPa*s, spindle 4, 60 revolutions/min.	DIN EN ISO 2555
Density	1,25-1,35 g/ml after addition of hardener	theoretical
Solid mass	61-65 % after addition of hardener	theoretical
Solid content in volume	330-350 ml/kg after addition of hardener	theoretical
Reference product	The specified values refer to the product UR1400MRU102.	
Resistance to storage	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.	
	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.	
Structure recommendation	Substrate	Steel
	Primer	UR1400M Mixing ratio 10:0,6 HU0343 Dry film thickness 40-60 µm



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	Top coat	UR1040G Mixing ratio 4:1 HU0001 Dry film thickness 40-60 µm
Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	
Hardener	HU0343	
Mixin ratio	Parts by weight 10:0,6	
Thinning	EFD dilution 400320	
Processing conditions	from 10 °C to 25 °C	
Processing time	max. 6 hrs. / 20 °C The processing time can decrease at higher temperatures and/or under pressure.	
Airless spraying	delivery viscosity Nozzle 0,013 mm Angle 40° Material pressure 150 bar	
High pressure spraying	20-30 sec. / 4 mm Flow cup Nozzle 1,8 mm Injection pressure 3-4 bar	DIN 53211
Material usage	without application loss 170-190 g/m² layer thickness 60 µm after addition of hardener	theoretical
Oven drying	up to 100 °C possible	
Dust drying	after 15 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Dry to the touch	after 1,5 hours (degree of dryness 4)	DIN EN ISO 9117-5
Full drying	after 8 day/s (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	EFD dilution 400500	

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.