



## UR1956G\_HU0001 EFDEDUR-Coating

### Product description

<b>Product technology</b>	solvent-based 2-component coating
<b>Application area</b>	e.g. in the functional furniture and storage technology sector
<b>Application</b>	For interior and exterior applications
<b>Resistance to light and weather</b>	Good light resistance
<b>Chemical resistance</b>	good
<b>Substrate</b>	Non-ferrous metals, Steel

### General product properties

<b>Binder-Base</b>	Acrylic Resin		
<b>Colour</b>	in accordance with RAL 840 HR other colours on request		
<b>Gloss value</b>	high glossy	>80 GU, angle 20°	DIN EN ISO 2813
<b>Viscosity</b>	Flow time 85-105 sec., 4 mm flow cup		DIN 53211
<b>Density</b>	1,1-1,3 g/ml after addition of hardener		theoretical
<b>Solid mass</b>	55-59 % after addition of hardener		theoretical
<b>Solid content in volume</b>	350-390 ml/kg after addition of hardener		theoretical
<b>Reference product</b>	The specified values refer to the product UR1956GK2240.		
<b>Resistance to storage</b>	approx. 24 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

<b>Pretreatment</b>	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.
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<b>Structure recommendation</b>	Substrate	Aluminium
	Primer	UR1940M Mixing ratio 10:1 HU0940 Dry film thickness 50-60 µm
	Top coat	UR1956G Mixing ratio 3:1 HU0001 Dry film thickness 50-60 µm
<b>Note before use</b>	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	
<b>Hardener</b>	HU0001	
<b>Mixin ratio</b>	Parts by weight 3:1	
	Volume parts 2,5:1	
<b>Thinning</b>	EFD dilution 400320	
<b>Processing conditions</b>	from 10 °C to 25 °C	
<b>Processing time</b>	max. 8 hrs. / 20 °C	
	The processing time can decrease at higher temperatures and/or under pressure.	
<b>High pressure spraying</b>	Set to 20-30 sec / 4 mm flow-cup after adding hardener	DIN 53211
	Nozzle 1,0-1,5 mm	
	Spray pressure 3-4 bar	
<b>Material usage</b>	without application loss 130-140 g/m²	theoretical
	layer thickness 50 µm after addition of hardener	
<b>Oven drying</b>	up to 100 °C possible (object temperature)	
<b>Air drying</b>	20 °C, 50 % relative humidity	
<b>Dust drying</b>	after 60 minutes (degree of dryness 1)	DIN EN ISO 9117-5
<b>Dry to the touch</b>	after 14 hours (degree of dryness 4)	DIN EN ISO 9117-5
<b>Full drying</b>	after 14 day/s (pendulum damping)	DIN EN ISO 1522
<b>Cleaning of equipment</b>	EFD cleaning agent 400312	

### Comments

<b>Work-and Healthprotection</b>	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.
<b>Test conditions</b>	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.