UR1989M_HU0001
EFDEDUR-Primer

Product description

Product technology	solvent-based 2-component coating
Application area	e.g. in the construction and sanitary sector
Substrate	PC (polycarbonate), ABS (acrylonitrile butadiene styrene)

General product properties

Binder-Base	Acrylic Resin	
Colour	in accordance with RAL 840 HR other colours on request	
Gloss visually	matt	
Viscosity	Flow time 95-105 sec., 4 mm flow cup	DIN 53211
Density	1,23-1,43 g/ml after addition of hardener	theoretical
Solid mass	59,5-63,5 % after addition of hardener	theoretical
Solid content in volume	305-325 ml/kg after addition of hardener	theoretical
Reference product	The specified values refer to the product UR1989MRU910.	
Resistance to storage	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

Pretreatment	The substrate must be free of adhesion-impairing substances such as oil, grease, wax and release agent residues.	
Structure recommendation	Substrate	PC (polycarbonate)
	Primer	UR1989M Mixing ratio 10:1 HU0001 Dry film thickness 30-50 µm
	Top coat	UR1040H Mixing ratio 5:1 HU0001 Dry film thickness 40-60 µm

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Note before use	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer).	
Hardener	HU0001	
Mixin ratio	Parts by weight 10:1 Volume parts 7,3:1	
Thinning	EFD dilution 400420 EFD dilution 400179	
Processing conditions	from 10 °C to 25 °C	
Processing time	max. 4 hrs. / 20 °C The processing time can decrease at higher temperatures and/or under pressure.	
High pressure spraying	Set to 25-30 sec / 4 mm flow-cup after adding hardener Nozzle 1,4-1,7 mm Spray pressure 3-4 bar	DIN 53211
Material usage	without application loss 125-135 g/m² layer thickness 40 µm after addition of hardener	theoretical
Oven drying	up to 50 °C possible (object temperature)	
Air drying	20 °C, 50 % relative humidity	
Dust drying	after 30 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Dry to the touch	after 2,5 hours (degree of dryness 4)	DIN EN ISO 9117-5
Full drying	after 10 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.

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