FreiLacke

EFD-Hydro-Pre-Coating
WP1558HRA999

Characteristics	Water-thinnable baking coating Application, e.g. in the job coater sector Fast initial drying Suitable for plastics	
Technical / Physical Data	Binder-Base	Combination of special binders
	Colour	colourless
	Gloss value visual	
	Viscosity	100-1600 mPa.s/ Spindle 3 60 revolution/ min.
	pH-Value	5,5-6,5
	Density calculated	1,0-1,3 g/ml
	Solid Mass calculated	44-49 %
	Solid content in volume calculated	200-400 ml/kg
	Material usage theoretical, without application loss	650-800 g/m², Layer thickness 200 µm
	Reference colour of the specified values	Colour of WP1558HRA999
Substrate	Plastic, not defined in more detail according to customer requirements	
Pretreatment	The substrate must be free of adhesion-impairing substances such as oil, grease, wax and separating agent residue. Preliminary tests are recommended for assuring the suitability of coating qualities on the substrate.	
Structure recommendation	Substrate	according to customer requirements
	Top coat	WP1558HRA999 Dry film thickness 50-200 µm
Processing and application	Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water. Dry film thickness must not exceed 1000 µm - risk of reaction bubbles.	
	Object temperature	15-30 °C
	Processing conditions	Room temperature 15-40 °C Relative humidity 25-70 %
	High pressure spraying	as delivered viscosity Nozzle: 2,0 mm Spray pressure 2,0 bar
	Cleaning of equipment	Immediately with water. Dried-on equipment with org. solvents, e.g. EFD cleaner 400003.

DIN EN ISO 9001
IATF 16949
EMAS

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Curing		
	Intermediate drying	10 min./ 120 °C
	Oven drying	10 min./ 180 °C - 10 min./ 180 °C
Resistance to storage		
	Approx. 6 month in original packagings at an ambient temperature of 5 to 25 °C. Protect from frost. 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.	
Specific comments		
	Test conditions All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge and 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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