



GS9141V_HU0001

EFDEDUR-System-Structure Coating

Product description

Product technology	solvent-based 2-component coating	
Surface	Different structures are possible depending on application and viscosity.	
Application	For interior and exterior applications	
Property	Silicone-free	
Drying	quickly	
Full drying	fast complete drying	
Scratch resistance	very good	
System coating structure	possible (see information)	
Standard-System	GS1041	
Substrate	Steel, Aluminium	

General product properties

Binder-Base	Acrylic Resin	
Colour	according to FreiLacke reference sample	
Gloss visually	according to FreiLacke reference sample	
Viscosity	3000-8000 mPa*s, spindle 6, 60 revolutions/min.	DIN EN ISO 2555
Density	1,20-1,30 g/ml after addition of hardener	theoretical
Solid mass	61,0-68,0 % after addition of hardener	theoretical
Solid content in volume	48,0-51,0 % after addition of hardener	theoretical
Reference product	The specified values refer to the product GS9141VZ1201.	
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, 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



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Dry to the touch	after 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	

Further processing of coated pieces

Repainting	possible after grinding
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Comments

EFD info	Further technical information can be found in the EFD Info. No. 142.
Liability test	Recommended performing adhesion tests if substrates painted differ from those mentioned in the product description.
System Coating	Can be integrated into the system coating concept as a horizontal system coating (different coatings with the same look) or vertical system coating (part of a multi-layer structure). For more information, see www.freilacke.de/systemlacke .
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.