PPG Industrial Coatings
Bringing innovation to the surface.™

WOOD FINISHES
FE 128QT

LIQUID COATINGS — Technical Data Sheet

Description : Waterborne coating based on alkyd-emulsion.

Application : As a stain in the wood processing industry

Specific Properties : Good application- en porefilling properties. Little roughening of the wood fiber. Fast drying and good sandable. Only suitable for exterior use if top coated.

Technical Specifications

Product number	:	FE 128QT		
Degree of gloss	:	mat		
Colour Assortment	:	most translucent colours		
Solid Content	:	approx. 18 gew.% = approx. 17 vol.%		
Density	:	approx. 1,02 kg/dm3 at 20°C		
Drying times (20°C/65% RV)	:	dust dry	:	after approx. 30 minutes
at a wet filmthickness of 50 µm	:	manageable	:	after approx.. 1 hour(s)
		trough dry	:	after approx. 72 hour(s)
Recoatability	:	after min.	:	3 hour(s)
		after Max.	:	not limited
Flashpoint (DIN 53213)	:	non flammable		

Processing Specification

Ambient conditions	:	Temperature between 15 and 25°C RH between 40 and 70%		
Thinner	:	to change viscosity	:	Water
		for cleaning the equipment	:	Water
Forced drying	:	approx. 20 min. at 40°C		
Advised filmthickness per coat	:	dry filmthickness: 8 µm = wet filmthickness: 50 µm		
Theoretical yield	:	approx. 21,2 m2/lt at 8 µm dry filmthickness		
Practical yield	:	The practical yield depends on the way of application the quality of the substrate and the shape of the object.		
Specials details	:	Stirr well before use. When using the transparent coatings, the following items are important for choosing and controlling the colour of the system: - the colour and structure of the surface; - the colour of already applied primers; - the applied filmthickness of the transparent coating.		

Application Information

APPLICATION METHODS	Pressure	Nozzle-size	guide-air	Max.temp. Coating	Remarks
Pneumatic spraying	3-4 bar	1,5-1,8 mm			add max. 30% water
Airless/Airmix spraying	not relevant				
Electrostatic spraying	not relevant				
Rollercoater	not relevant				
Curtaincoater	not relevant				
Vacuümcoaten	not relevant				
Dipping	The viscosity depends of the subject to dip, the desired flow and filmthickness and the coating-room conditions. Add a maximum of 30% water.				
Flowcoater	Viscosity depends on the object en substrate, the desired filmthickness and the coatingroom conditions. Add a maximum of 30% water.				
Brush-Roller	Add max. 30% water.				

Substrate Information

Substrate conditions	As a minimum for the construction follow the guidelines of BS 644			
Suitable wooden substrates	Spruce	Scots pine	Meranti	Plywood
	Mahogany	Larch	Douglas fir	Idigbo
	Sapele	Eucalyptys grandis	Oak	
Other surfaces				
Note				
Demands	The substrate to be treated should be free of (sanding)dust, grease or other contaminations. The moisture content of the wood should be between 12-14%			

Further Information

Shelf life : If stored in original packaging in cool and frost-free areas, approx. 18 months.

Safety Information

For exact information see the safety data sheet.

Envionment : Storage, use and waste disposal in accordance with local legislation. May not be disposed into sewerage.

Systems

For possible systems with this product see the concerned system sheet.

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