

LIQUID COATINGS

Technical Data Sheet

Description	: Waterborne coating based on alkyd-emulsion.
Application	: As a primer in the wood processing industry
Specific Properties	: Very good flow and penetrating properties. Has a good adhesion and exterior performance. Has good isolating properties. Only suitable for exterior use when over coated

Technical Specifications

Product number	: FE 164QO
Degree of gloss	: mat
Colour Assortment	: white
Solid Content	: approx. 59 gew.% = approx. 45 vol.%
Density	: approx. 1,36 kg/dm ³ at 20°C
Drying times (20°C/65% RV)	: dust dry : after approx. 30 minutes
at a wet filmthickness of 55 µm	: manageable : after approx. 2 hours
	: through dry : after approx. 72 hours
Recoatibility	: after min. : 3 hours
	: 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	: not relevant
Advised filmthickness per coat	: dry filmthickness: 25 µm = wet filmthickness: 55 µm
Theoretical yield	: approx. 18 m ² /lt at 25 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.



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Wood Finishes

FE 164QO

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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. 40% 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 50% water.				
Flowcoater	Viscosity (depending of the subject to dip, the desired flow and filmthickness and the coating-room conditions) 32-34 sec Isocup 3mm.				
Brush-Roller	Add max. 40% 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
	Larch	Douglas fir	Sapele	Idigbo
	Eucalyptys grandis	Oak		
Other surfaces	Accoya	Tricoya		
Note	The moisture content of the wood should be between 12-16%.			
Demands	The substrate to be treated should be free of (sanding)dust, grease or other contaminations.			



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Further Information

Shelf life : If stored in original packaging in cool and frost-free areas, approx. 12 months.

Safety Information For exact information see the safety data sheet.

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

Systems For possible paint systems please contact Movac .

The technical data presented in this bulletin is based upon information believed by PPG to be currently accurate. However, no guarantees of accuracy, comprehensiveness, or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in this bulletin. Contact your PPG representative for the most up-to-date information.

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