

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 121QT
Degree of gloss	: not relevant
Colour Assortment	: colourless
Solid Content	: approx. 29 gew.% = approx. 27 vol.%
Density	: approx. 1,02 kg/dm ³ 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. 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	: approx. 60 min. at 30°C
Advised filmthickness per coat	: dry filmthickness: 14 µm = wet filmthickness: 50 µm
Theoretical yield	: approx. 19,3 m ² /lt at 14 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.
	: This product can be used as an end grain sealer



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Wood Finishes

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Application Information

APPLICATION METHODS	Pressure	Nozzle-size	guide-air	Max.temp. Coating	Remarks
Pneumatic spraying	3-4 bar	1,5-2,0 mm			add max. 15% water
Airless/Airmix spraying	not relevant				
Electrostatic spraying	not relevant				
Rollercoater	not relevant				
Curtaincoater	not relevant				
Vacuümcoaten	not relevant				
Dipping	not relevant				
Flowcoater	Viscosity (depending of the subject, the desired flow and filmthickness and the coating-room conditions) ± 57 sec. DINcup 2mm.				
Brush-Roller	not relevant				

Substrate Information

Substrate conditions	As a minimum for the construction follow the guidelines of BS 644			
Suitable wooden substrates	Spruce	Scots pine	Meranti	Merbau
	Plywood	MDF	Oak	Iroko
	Mahogany	Larch	Douglas fir	Idigbo
	Sapele	Eucalyptys grandis	HDF	
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. 18 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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