

LIQUID COATINGS

Technical Data Sheet

Description	: Waterborne coating based on acryl-dispersions.
Application	: As a topcoat in the wood processing industry
Specific Properties	: Good flow properties, good blockresistance, high elastic and a fast low wateruptake. Excellent weather resistance. For interior and exterior use.

Technical Specifications

Product number	: TE 112QO
Degree of gloss	: satin
Colour Assortment	: most opaque colours
Solid Content	: approx. 46 gew.% = approx. 38 vol.%
Density	: approx. 1,17 kg/dm ³ at 20°C
Drying times (20°C/65% RV)	: dust dry : after approx. 45 minutes
at a wet filmthickness of 200 µm	: manageable : after approx. 3 hours
	: through dry : after approx. 72 hours
Recoatibility	: after min. : 4 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: 76 µm = wet filmthickness: 200 µm
Theoretical yield	: approx. 5 m ² /lt at 76 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

TE 112QO Satin

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Application Information

APPLICATION METHODS	Pressure	Nozzle-size	guide-air	Max.temp. Coating	Remarks
Pneumatic spraying	3-4 bar	1,5-2,2 mm			add max. 10% water
Airless/Airmix spraying	60-120 bar	0,011-0,013 inch	max. 2 bar	30°C.	add max. 5% water.
Electrostatic spraying	30-60 kV (use suitable ES equipment!)				
Rollercoater	not relevant				
Curtaincoater	not relevant				
Vacuümcoaten	not relevant				
Dipping	not relevant				
Flowcoater	not relevant				
Brush-Roller	For spot repair dilute with max 5% water.				

Substrate Information

Substrate conditions	As a minimum for the construction follow the guidelines of BS 644			
Suitable wooden substrates	Spruce	Scots pine	Meranti	Larch
	Douglas fir	Sapele	Idigbo	Eucalyptys grandis
	MDF			
Other surfaces	Accoya	Tricoya		
Note	The substrate must be pretreated with a suitable (isolating) primer.			
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%			



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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 your PPG sales representative or distributor.

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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