



LIQUID COATINGS

Technical Data Sheet

- Description** : Waterborne coating based on acryl-dispersions.
- Application** : As a midcoat and topcoat in the wood processing industry
- Specific Properties** : Good flow properties, elastic and a fast low wateruptake. Bright film and good exterior performance. For interior and exterior use.

Technical Specifications

- Product number : TE 323QT
- Degree of gloss : satin
- Colour Assortment : most translucent colours
- Solid Content : approx. 37 gew.% = approx. 36 vol.%
- Density : approx. 1,02 kg/dm³ 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 : approx. 60 min. at 30°C
- Advised filmthickness per coat : dry filmthickness: 72 µm = wet filmthickness: 200 µm
- Theoretical yield : approx. 5 m²/lt at 72 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





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Application Information

APPLICATION METHODS	Pressure	Nozzle-size	guide-air	Max.temp. Coating	Remarks
Pneumatic spraying	3-4 bar	1,8-2,5 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	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	Oak
	Larch	Douglas fir	Idigbo	Eucalyptys grandis
	Sapele			
Other surfaces				
Note	The substrate must be pretreated with a suitable 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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Wood Finishes

TE 323QT Satin

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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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