



YM---M034

AQUARIS Pigmented waterborne impregnate for exteriors – For Hardwood and Softwood poor of tannin

Renner Italia Spa – Via Ronchi Inferiore, 34 - 40061 MINERBIO (BO)

Sect. 1: Main features of the product

<ul style="list-style-type: none"> Suitable for poor in tannin hardwood and softwood Good resistance when applied with flow-coating 	<ul style="list-style-type: none"> Not suitable for Chesnut and Iroko wood Contiens IPBC
Recommended use: <ul style="list-style-type: none"> Windows frames Entrance doors 	<ul style="list-style-type: none"> Garden furniture Gazebos Balconies External claddings Fences
Application method:	Flow-coating, dipping application
Blending instructions	Ready to use. Mix well before use. To colour, use iron oxide paste series EY---M470 up to max 5%.

Sect. 2: Available colors

YM---M034/----	Clear	YM---M034/--T13	Larch	YM---M034/--T15	Mahogany
YM---M034/--T21	Walnut Brennero	YM---M034/--T22	Walnut	YM---M034/--T23	Dark walnut
YM---M034/--T27	Oak	YM---M034/--T28	Teak	YM---M034/--T30	Chestnut

Sect. 3: Chemical-physical characteristics at 23°C

Solids content (%)	10 ± 1
Specific gravity (g/cm ³)	1,010 ± 0,030
Viscosity DIN 2 (s)	48 ± 2
pH	7,8 - 8,8

Sect. 4: Application characteristics

Recommended number of coats	1 - 3 coats
Recommended quantity per coat	min: 50 g/m ² max: 80 g/m ²
Interval between coats	min: 2 h max: 8 h
Spreading rate(m ² /litro)	12 - 18

Sect. 5: Drying for the application of 65 m/m2 of YM---M034/--Txx

1) Drying at 23°C & RU% between 45 and 65		2) Forced drying		
Over coating	2 - 4 hours		Temperature	Time
Stackable (vertical position)	4 hours	Flash Off	Room	10 minutes
Sanding time	4 hours	Laminar air	30°-35°C	10 minutes
		Cooling	room	10 minutes
		Over coating	Immediately after unloading	
		Stackable time	Immediately after unloading	
		Sanding / Brushing time	1-2 hours	

Sect. 6: General remarks on coating system

Substrate preparation	Wood must be well dry (12-14% R.U.) Clean well the surface removing all traces of grease, waxes and resins. Wood surface should be sanded with 150 grit paper. (softwood) or 180 grit paper (hardwood).		
Application instructions YM---M034/--Txx	Flow-coating: use diaphragm pump.. Dipping: use oly inox basin (es. AISI 304).		
Drying:	see sect. 5.		
Sanding	to do if only one layer of topcoat is required		
	Manual: • (240-280)	Brushing machine: • (220-240)	
Over coating:	Overcoatable with exterior grade AQUARIS waterborne products , which include clear and pigmented intermediate, basecoat, topcoat.		

For further information and coating systems with our range of waterborne products , please refer to the Main Guide

General remarks

<ul style="list-style-type: none"> Mix well before use. If properly stored at temperatures between 5 and 35°C, shelf life is 18 months It cannot be applied at temperatures below 15°C; cold weather applications could negatively affect chemical and mechanical characteristics. Coating left over (washing waters, waters from spray booths, used coatings) must be disposed according to local regulations. Never dispose residues directly into drains. Application tools must be cleaned with water after use. When dry films must be removed, AY---M460, special detergent should be used, letting it work overnight and then cleansing with water

What to do in order to.....	Add	% of use	
		%	Grams for 25 litres
To avoid foam in flow coating	AY---M420	0,050	12,5
Slow down drying time	AY---M450	2 - 5	500 - 1250
Restore exhausted product	AY---M435	0,100	25
To improve flowing	AY---M447	2 - 5	500 - 1250