



YM---M042

Waterborne preservative wood stain for exteriors.
For tannin rich hardwoods

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

Caratteristiche salienti del prodotto:

<ul style="list-style-type: none"> • Suitable for tannin rich hardwoods • Excellent stability in flow-coating applications 	<ul style="list-style-type: none"> • Suitable for oak, chestnut, iroko • Contains IPBC
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Versions:

YM---M042	clear	YM---M042/--T13	Larch	YM---M042/--T15	Mahogany
YM---M042/--T16	Brown walnut	YM---M042/--T20	Blonde walnut	YM---M042/--T21	Brennero walnut
YM---M042/--T22	walnut	YM---M042/--T27	Oak	YM---M042/--T28	Teak
YM---M042/--T29	Forrest green	YM---M042/--T30	Chestnut		

Recommended use:	<ul style="list-style-type: none"> • Window frames • Shutters • Entrance doors 	<ul style="list-style-type: none"> • Garden furniture • Gazebo • Balconies 	<ul style="list-style-type: none"> • Roof beams • External claddings • Fences
Application method:	Flow-coating, dipping and brush		
Blending instructions	Ready to use; to lighten the shade mix with the clear version		
Product preparation:	Ready to use. To lighten colour shade, use clear version. Add only AY---M488 in case of need. Colouring with oxide iron pastes EY---M470 up to 5% max. Use a 55 micron filter for removing residues .		

Chemical-physical properties

Solids content (%)	12 ± 1
Specific gravity (g/cm ³)	1,010 ± 0,030
Viscosity DIN 2 (s)	48 ± 3
pH	6,7 - 7,7

Application properties

Recommended N° of coats	1 - 3
Recommended quantità 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

General coating system recommendations

Essiccazione a 20°C e UR% tra 45 e 65: 65 g/m²	
Recoatable	2 - 8 h
Stackable (vertical position)	2 h
Sandable	16 h

Forced drying: 65 g/m²		
	Temperature	Time
Flash Off	room	15 min
Laminar air	30°C	30 min
Cooling	room	15 min
Recoatable	Just out of the oven	
Stackable (vertical position)	Just out of the oven	
Sandable	4 h	

Substrate preparation:

Wood must be well dry (12-14% humidity). Clean well the surface removing all traces of grease, waxes and resins. Perform sanding with 150 grit paper for softwoods and 180 grit paper for hardwoods

Application instructions:

Flow-coating: use diaphragm pump.
Dipping tanks: use only stainless steel tanks (es. AISI 304).
Brush: use only mixed or synthetic hair

Sanding Manual: • 240-280 grit Orbital: not recomm. Automatic: not recomm. Brushing machine: • 220-240 grit

Recoating:

With exterior grade AQUARIS waterborne products, including base coats and top coats both clear and pigmented

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

General remarks

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, shelf life is 18 months
- On application the temperature of the product, the substrate, the coating and the working environment should never fall below 15°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved.
- Coating left overs (washing waters, waters from spray booths, used coatings) must be disposed of 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

Eliminate foam created during flow coating operations	AY--M420	0,050	12,5
Slow down drying	AY--M450	2 - 5	500 - 1250
Prolong the shelf life of used product	AY--M435	0,100	25

CATAS QUALITY AWARD

RENNER ITALIA

Società per Azioni
Via Ronchi Inferiore 34
I - 40061 - Minerbio (BO)

Si certifica che il ciclo

YM---M042/--TXX AQUARIS impregnante all'acqua per esterno
per legni di latifoglia*
+
YO-xxM317/--TXX AQUARIS finitura all'acqua tixotropica per esterno**
(spessore minimo 300 micron umidi)

è conforme alla EN 927-2 e agli ulteriori requisiti previsti dal capitolato tecnico del
CATAS QUALITY AWARD

COATING SYSTEM FOR EXTERIOR WOOD

cicli di verniciatura per legno per impieghi esterni (nella categoria "STABLE" PRODUCTS).

Abbiamo il piacere di dichiarare che il ciclo di verniciatura sopra indicato è sottoposto a controlli continui da parte del CATAS e ha così ottenuto il



* Tonalità impregnante

15 Mogano	22 Noce
16 Noce Bruno	28 Teck
20 Noce chiaro	29 Verde Bosco
21 Noce Bruciato	30 Castagno

** Tonalità finitura

11 Cipresso	28 Teck
14 Latice Rosso	37 Orzo
18 Noce Medio	50 Verde Oliva
22 Noce	88 Lino
23 Noce Scuro	
26 Quercia	

dott. Andrea Giavon
Il direttore

valido dal 1 marzo 2007***
fino al 28 febbraio 2011

***l'elenco delle tonalità impregnante e finitura certificate è stato modificato a partire dal 4 gennaio 2010

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