



# YL M271/C02

## AQUARIS Waterbased thixo basecoat anti-tannin, white, for outdoor

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

### Main properties:

• Excellent insulating properties	• Excellent thixotropy
• Excellent coverage	• High build

### Versions:

YL---M271/--C02	White
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<b>Recommended use:</b>	<ul style="list-style-type: none"> <li>• Window frames</li> <li>• Shutters</li> <li>• Entrance doors</li> </ul>	<ul style="list-style-type: none"> <li>• Garden furniture</li> <li>• Gazebo</li> <li>• Balconies</li> </ul>	<ul style="list-style-type: none"> <li>• Roof beams</li> <li>• External claddings</li> <li>• Fences</li> </ul>
<b>Application method:</b>	By manual or automatic spray, both airless and airmix, with or without electrostatic. For both flat and vertical applications.		
<b>Preparazione del prodotto:</b>	Ready to use.		

### Chemical-physical properties at 23°C

Solid content (%)	C02 :	59 ± 1
Specific weight (g/cm³)	C02 :	1,30 ± 0,03
Viscosity Brookfield (Cps) Impeller 5 Speed 20	C02 :	5000 ± 500

### Application properties

Verticality max. (µm wet)	300 µm
Recommended number of coats	1 coat
Recommended quantity per coat	min: 250 µm    max: 300 µm

### General coating system recommendations:

Drying at 23°C and H.R.% between 45 and 65: 150 µm		Forced drying: 150 µm		
Stackable (vertical position)	16 hours		Temperature	Time
Sandable	24 hours	Flash Off	Room temperature	15 minutes
		Laminar Air	30°C	60 minutes
		Cooling	Room temperature	15 minutes
		Stackable (vertical position)	Just down from the tunnel	
		Sandable	The day after	

### Substrate preparation:

Wood must be previously treated with a waterbased impregnant barrier for exteriors of our AQUARIS range.

Application instruction:	Thinning %	Nozzle	Air pressure (bar)	Coating pressure (bar)
Conventional air gun	6 - 10	2 - 2,5	+/- 4	--
Airmix	2 - 6	11- 13	0,5 - 1	80 - 120
Airless	2 - 6	11- 13	--	80 - 120

The use of pre heaters (with temperatures between 30 and 40 °C) to ensure consistent quality throughout the year

**Sanding:** Manual: • (240-280)    Orbital: • (240-280)    Automatic: • (240-280)    Brushing machine: -

### Overcoating:

Apply a coat of waterbased coloured topcoat for exteriors of the range AQUARIS.

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 ...	Add	% of use	
		%	Grams for 25 litres
To slow down drying	<b>AY---M450</b>	1 - 2	250 - 500
Prolong shelf life of a used product	<b>AY---M435</b>	0,100	25
If cissings occur	<b>AY---M457</b>	0,200 – 1	50 - 250
Increase thixo or viscosity	<b>AY---M455</b>	0,100 – 0,400	from 25 to 100