



YL---M275 Clear and white

AQUARIS Tixo Basecoat for exterior high solid content specifically formulated for robotic plants with recovery

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

Main features of the product:

• Great sandability	• High coverage
• High thixotropy	• Suitable for application with robotic plants

Versions:

YL---M275/-T13	Larch	YL---M275/-C02	White		
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Recommended use:	Windows Shutters Entrance doors	Garden furniture Gazebos Balconies	Under-roof beams Matchboard for exterior Fences
Application method:	Automatic and manual spray, both airless than airmix, with or without electrostatics		
Product preparation:	Ready to use; eventually dilute from 6 to 10% with tap water		

Chemical-physical characteristics

Solid content (%)	T13 → 41 ± 1 C02 → 48 ± 1
Specific gravity (g/cm³)	T13 → 1,030 ± 0,03 C02 → 1,180 ± 0,03
Viscosity Brookfield (mPas)	T13 → 21000 ± 1000 C02 → 25000 ÷ 28500

Application characteristics

Max verticality (wet µm)	270 µm
Recommended N. of coats	1 to 2 coats
Recommended quantity per coat	min: 175 µm max: 225 µm
Interval between coats	min: 2 h max: 4 h
Spreading rate (m²/liters)	5 to 4

General remarks on coating system

Drying at 20°C and RH% between 45 and 65: 150 µm	
Vertically stackable	16 hours
Sandable	12 - 24 hours

Forced drying: 150 µm		
	Temperature	Time
Flash Off	room	15 minutes
Laminar air	30°C	60 minutes
Cooling	room	15 minutes
Vertically stackable	Out from tunnel	
Sandable	The day after	

Substrate preparation: The wood has to be previously treated with a water-based wood stain for exterior from our range AQUARIS.

Application instructions:	Dilution %	Nozzle	Air pressure (bar)	Paint pressure (bar)
Conventional air gun	6 - 10	2 - 2,5	almost 4	--
Airmix	Ready to use	11 - 13	0,5 - 1	80 - 120
Airless	Ready to use	11 - 13	--	80 - 120

The use of a pre-heater between 30 and 40° C is recommended in order to grant a quality constancy throughout the year.

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

Overcoating: Apply a coat of water-based pigmented topcoat for exterior from the range AQUARIS.

For further information regarding the use of waterborne products, please ask for or refer to the Main Guide.

Note ed avvertenze

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, shelf life is 18 months.
- During 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 over (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 liters
if the basecoat dries too quickly	AY---M450	1 - 2	250 - 500
In order to restore the shelf life of a second hand product	AY---M435	0,100	25
In order to increase thixotropy or viscosity of the product	AY---M455	0,100 - 0,400	25 - 100
If cissing due to environmental pollution appear	AY---M457	0,200 - 0,5	50 - 125