



YO-xxM370 Clear

AQUARIS Waterborne topcoat for exteriors. For conventional air gun application

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

Main properties:

<ul style="list-style-type: none"> • Excellent wet ability • Excellent flowing 	<ul style="list-style-type: none"> • Excellent high build • Transparent when applied
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Versions:

YO-05M370/-T28	05 gl. Teck	YO-20M370/-T28	20 gloss Teck	YO-30M370/-T28	30 gloss Teck
YO-20M370/-----	20 gl. Clear	YO-30M370/-----	30 gl. Clear	YO-60M370/-T13	60 gloss Larch
YO-20M370/-T13	20 gloss Larch	YO-30M370/-T13	30 gloss Larch	YO-60M370/-----	60 gloss Clear

Recommended use:	<ul style="list-style-type: none"> • Windows • Windows shutters • Entrance doors 	<ul style="list-style-type: none"> • Garden furniture • Gazebos • Balconies 	<ul style="list-style-type: none"> • Roof beams • Match boarding • Fences
Application method:	Spray (conventional, airless, air mix). Electrostatic guns may be used provided they are suitable for waterborne products. For vertical and horizontal application.		
Blending instructions:	water may be used at the ratio of 2÷10% to make viscosity adjustments.		

Chemical-physical characteristics 23°C

Solid contents (%)	40 ± 2
Specific gravity (g/cm ³)	1,03 ± 0,03
Viscosity Brookfield (mPas)	8000 ± 2000
pH	8,5 - 9,5

Application properties

Vertical application (wet µm)	200 µm
Recommended N° of coats	1 - 2 coats
Recommended application weight (g/m ²)	min: 150 µm max: 200 µm
Interval between coats	min: 1 h max: 2 h
Spreading rate (m ² /litre)	5 - 3

General coating system recommendations

Drying at 23°C and 45 – 65 RU% : 250 µm	
Vertical Stackable	24-36 hours

Forced drying: 200 µm		
	Temperature	Time
Flash Off	room	15 minutes
Laminar air	30°C	90 minutes
Cooling	room	15 minutes
Stackable	Just after downloading from the tunnel	

Substrate preparation: Substrate must be treated with AQUARIS preservative stains. Application of AQUARIS intermediates and or AQUARIS basecoats is advisable for improving build, appearance and protection against exterior elements.

Application instructions:	Thinning %	Nozzle	Air Pressure (bar)	Coating pressure (bar)
Conventional air gun	0 - 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 atomizers and pre heaters (with temperatures between 30 and 40 °C) ensure better application constancy whatever it is the ambient room.

Packaging material:

Must be suitable for waterborne coating film. Avoid polystyrene foam, PVC or board.

For further information regarding the use 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 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 in order to ...	Add	% of use	
		%	Grams for 25 litres
Improve chemical resistances and stackability	YC---M408	0,500 - 1	125 - 250
Slow down drying time	AY---M450	1 - 2	250 - 500
To keep safe product used	AY---M435	0,100	25
Increase thixotropy or viscosity	AY---M455	0,1 – 0,2	25 - 50
Eliminate craters/cissings	AY---M457	0,200 – 1	50 - 250

DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. HOWEVER THE RESPONSIBILITY OF FINAL RESULTS OF COATING SYSTEM RESTS ENTIRELY WITH THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT IS IN COMPLIANCE WITH THE REQUIREMENT OF THE APPLICATION SYSTEM, THE SUBSTRATES USED AND THE WORKING CONDITIONS. AFTER PROLONGED STORAGE, THE VISCOSITY OF PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE ONE MENTIONED ON THE TECHNICAL DATS SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.