



YO-30C301 XXXX

AQUARIS tixo pigmented waterborne topcoat for exterior, excellent wet ability

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

Main properties:

• Excellent wet ability	• Excellent water resistance
• Excellent flowing	• High build

Versions:

YO-30C301/--C48	30 gloss Ivory	YO 30C301 R7032	30 gloss RAL7032	YO 30C301 R9010	30 gloss RAL9010
YO 30C301 R7037	30 gloss RAL7037				

Recommended use:	<ul style="list-style-type: none"> Windows shutters entrance doors 	<ul style="list-style-type: none"> Garden Furniture Gazeboes Balconies 	<ul style="list-style-type: none"> Under-roof beams External claddings Fences
Application method:	<ul style="list-style-type: none"> Automatic and manual spray, both airless and airmix, with or without electrostatic Brush * For horizontal and vertical application.		
Product preparation:	thinning with tap water from 2 to 10% as per coating system characteristics		

Chemical physical characteristics at 23°C

Solid content (%)	47 ± 1
Specific weight (g/cm ³)	1,16 ± 0.03
pH	Between 8,5 and 9,5
Brookfield viscosity (mPas)	Summer 22000 ± 2000
	Winter 17000 ± 2000

Application characteristics

Vertical application (µm wet)	275 µm
Recommended No. of coats	1 - 2 coats
Recommended quantity per coat	min: 175 µm max: 275 µm
Interval between coats	min: 1 h max: 2 h
Spreading rate (m ² /liter)	from 5 to 3

Coating system recommendations

Drying at 23°C and UR% between 45 and 65: 250 µm	
Stackable vertically	24-36 hours

Forced drying: 250 µm		
	Temperature	Time
Flash Off	room.	15 minutes
Laminar air	30°C	90 minutes
Cool off	room.	15 minutes
Stackable vertically	Just after download from tunnel	

Substrate preparation:

substrate shall be treated previously with a waterbased preservative stain and with/without one coat of AQUARIS intermediate/basecoat for exterior

Application instruction:	dilution %	nozzle	Air pressure (bar)	Coating pressure (bar)
Conventional spray gun	6 - 10	2 - 2,5	+/- 4	--
Air mix	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) ensure better application constancy whatever it is the ambient room.

BRUSH: synthetic fibers or mixed fibers

Packing material: Must be suitable for contact with water-based coatings films. Avoid polystyrene, PVC and corrugated cardboard.

For further information regarding the use 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. 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, to ...	Add	% of use	
		%	Grams per 25 liters
To reduce the opacity of the coating film	AY---M430	1-6	250-1500
Improve chemical resistance and stack ability	YC---M407	0,500 - 2	125 - 500
*Slow down drying time (brush and high ambient Temperature applications)	AY---M450	1-2	250-500
prolong the shelf life of used product	AY---M435	0,100	25
To improve tixo or viscosity	AY---M455	0,100 - 0,200	25 - 50
eliminate craters/cissings caused by environmental pollution	AY---M457	0,200 - 1	50- 250