



YO-xxM370 Converters

AQUARIS wb thixo converter – quick dry - for entrance doors and car boxes

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

Main properties:

• Excellent wet ability	• Excellent build
• Excellent flowing	• Light resistance pigments
• Suitable for drying with microwaves	

Versions:

YO-15M370/--NTR	15 gl clear	YO-30M370/--NTR	30 gl clear	YO-45M370/--NTR	45 gl clear
YO-15M370/--SBN	15 gl white	YO-30M370/--SBN	30 gl white	YO-45M370/--SBN	45 gl white

Recommended use:	• Entrance doors	• Car boxes doors
Application method:	<ul style="list-style-type: none"> Automatic and manual spray, both airless and airmix, with or without electrostatic Brush * . For horizontal application	
Blending instructions:	ready to use. water may be used at the ratio of 2+4% to make viscosity adjustments.	

Chemical-physical characteristics 23°C		Application properties	
Solid contents (%)	White 47 ± 1 clear 42 ± 1	Vertical application (wet µm)	200 µm
Solid contents (%)	1,05 (NTR) 1,16 (SBN)	Recommended N° of coats	1 - 2 coats
Brookfield viscosity (mPas)	11000 ± 1000 (for NTR value of the final RAL)	Recommended application weight (g/m ²)	min: 175 µm max: 275 µm
pH	8,5 - 9,1	Interval between coats	min: 1 h max: 2 h
		Spreading rate (m ² /litre)	5 - 3

General coating system recommendations		Forced drying: 250 µm	
Drying at 23°C and 45 – 65 RU% : 250 µm			
overcoating	1 - 2 h	Temperature	Time
Vertical stack ability	24-36 h	Flash Off	room 2 minutes
Sand ability	2 h	Laminar air	45°C 5 minutes
		Cooling	10° 2 minutes

Substrate preparation: substrate must be treated with AQUARIS preservative and with / without 1 coat of intermediate/basecoat for exteriors. **Application temperature of the panel and the coating should never fall below 18°C.**

Application instructions:	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 atomizers and 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

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

<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 in order to ...	Add	% of use	
		%	Grams for 25 litres
Improve chemical resistances and stackability	YC---M407 or YC---M408	0,500 - 2	125 - 500
*Slow down drying time (brush and high ambient Temperature applications)	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.