TECHNICAL DATA SHEET **Version 01 dated 28/05/2024**

YO-xxC363/--xxx

AQUARIS OIL EFFECT TOP COAT, BY DIPPING, EXTERIOR

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

Main product features:

• Good wettability	• Oil effect/natural
• Flow-coating stability	• Good flow

Versions:

YO-05C363/-----	05 gl. Colourless
YO-05C363/--T22	WALNUT

Recommended use:	• Windows	
Application method:	Flow coating, dipping tank	
Product preparation:	Ready to use. If necessary, mix with mains water from 2 to 5%.	

Chemical and physical properties at 23°C

Solid content (%)	39 ± 2
Specific gravity (g/cm^3)	1,03 ± 0,03
DIN 2 viscosity	78 ± 5
pH	between 8.0 and 9.5

Application properties

Recommended number of coats	from 1 to 2 coats
Recommended quantity per coat	min: 70 µm max: 100 µm
Interval between coats	min: 3 h max: 6 h
Coverage (m^2/litres)	from 5 to 8

General coating system information

Drying at 23°C and RH% between 45 and 65: 225 µm	
Vertically stackable	24-36 hours

Tunnel drying: 200 µm		
	Temperature	Time
Flash Off	T.A.	15 minutes
Laminar air	30°C	90 minutes
Cooling	T.A.	15 minutes
Vertically stackable	at the oven exit	

Wood preparation: The wood must first be treated with a water-based exterior grade preservative stain, with/without one coat of an exterior water-based intermediate coat/primer from the AQUARIS range.				
Application instructions: Flow coating: use a diaphragm pump. Dipping tank: use stainless steel tanks only (e.g. AISI 304).				
Sanding:	Manual: ● (220-240)	Orbital: ● (220-240)	Automatic:	Brush sander: ● (220-240)
Overcoating: Apply one coat of coloured exterior top coat from the AQUARIS range.				
Packaging material: It must be suitable for contact with water-based coating films. Avoid polystyrene, PVC and corrugated cardboard.				

For further information on coating with the water-based products in our range, request or consult our guide.

Notes and warnings

- Stir the product thoroughly before use.
- If the product is stored in premises at temperatures between 5 e 35°C, the shelf life is 18 months.
- During application, the product, substrate and ambient temperature must be not lower than 15°C. Films formed below this temperature have chemical and mechanical resistance properties below the normally achievable quality standard.
- Coating residues (washing water, spray-booth water, waste coating) must be disposed of in accordance with applicable regulations. Do not discharge residues into drains.
- Equipment must be washed with water immediately after use. If dry coating films need to be removed, use **AY---M460**, leave it to act overnight, then rinse with water.

What to do...	**Add**	**Dosage**	
		%	**Grams per 25 litres**
if excessive foam forms during flow coating	**AY---M420**	0,050	12,5
if the product dries too quickly	**AY---M450**	2 - 5	from 500 a 1250
to restore the shelf life of a used product	**AY---M435**	0,100	25

THE DATA AND INFORMATION PROVIDED IN THIS TECHNICAL BULLETIN REPRESENT OUR CURRENT BEST KNOWLEDGE. IT IS THE USER'S RESPONSIBILITY TO ENSURE THAT THE PRODUCT MEETS THEIR REQUIREMENTS IN RELATION TO THE APPLICATION EQUIPMENT, THE SUBSTRATES USED, AND THE AMBIENT APPLICATION AND DRYING CONDITIONS.