TECHNICAL DATA SHEET **Version 00 of 05/09/2023**

YS---M625/--xxx

Top Quality hydro-oil for by brush/roller ”on site” applications – satin

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

Main properties:

• Suitable for both hardwood and softwood • Good building • Good application in outdoor	• The coating film does not flake. It is self-consuming, allowing a new coating treatment without sanding. • It contains IPBC

YS---M625/-----	Colorless

Recommended use:	• Outdoor furniture • Outdoor covering • Outdoor beadings	• Verandas • Ramps • Platforms	• Decking External flooring
Application method:	Brush, roller		
Product preparation:	Mix very well before use. The product shall be pigmented. The coloration achieved gives toning to the wood and works as filter against solar radiation, thus increasing its outdoor resistance. For pigmentation, use oxide iron pastes series EY---M470/T** up to max 5% (minimum qty recommended 1%) or the lacquered pastes series EY---M690. It is also possible to add water up to a maximum of 5%. If traces of dirt in the product need to be removed (sawdust, incompatible material), use a 100-micron filter.		

Chemical-physical characteristics at 23°C

Solid content (%)	25 ± 2
Specific weight (g/cm^3)	1,040 ± 0,030
Viscosity DIN 2 (s)	65 ± 5
Matting	satin effect

Application characteristics

Recommended n° of coats	2 - 3 coats
Recommended quantity (gr/sq m)	min: 40 max: 60
Interval between coats	3 - 12 h
Spreading rate (sq m / liter)	12 - 20

General remark on system

Drying at 23°C and RU% between 45 and 65: 60 g/m^2 (*)	
Dust free	30 minutes
Hand-able	60 minutes
Over-coatable	3 - 12 h
walkable	24 - 48 h
Sand-able	n.a.

(*) in case of exotic woods, timing for a complete drying might be slightly

Substrate preparation: sanding with abrasive paper grit 120-150. Wood shall be clean and dust free
In case of softwood based manufact installed in very aggressive and wet places, we recommend to apply one coat of water based primer YM---C191 or YM---M101 or YM---S043

Application instructions:
brush: with synthetic fibers or mixed bristle. Roller: short-haired sponge

For further information about the coating with water products of our range, ask for or consult our guide

General Remarks

- Mix the product well before use.
- Do not apply if the substrate is wet or during rainy days.
- 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 leftovers (washing waters, waters from spray booths, used coatings) must be disposed of according to local regulations. Never dispose of 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**	**Percentage of use**	
		%	**Grams for 25kg**
To increase chemical resistance	**YC---M402**	3-5	750 - 1250
If the product dries too quickly	**AY---M450**	1 – 2	250 - 500
To restore the shelf life of a used product	**AY---M435**	0,100	25
If cissings from environmental pollution appear	**AY---M457**	0,200 – 1	50 - 250

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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.