



Renner Italia S.p.A.
Via Ronchi inferiore, 34
40061 MINERBIO (BO)

YO XXM864/xxxxx

Water-based self-sealer

Main properties:

<ul style="list-style-type: none"> • Excellent chemical and mechanical resistance • Anti-yellowing acrylic base 	<ul style="list-style-type: none"> • High transparency / coverage for the pigmented • Excellent thixotropy
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Versions:

00M864	00 gloss clear	15M864	15 gloss clear	20M864	20 gloss clear
05M864	05 gloss clear	40M864	40 gloss clear	60M864	60 gloss clear
10M864	10 gloss clear	15M864/-C07	15 gloss durmast	80M864	80 gloss clear
30M864	30 gloss clear				
30M864/-C01	30 gloss black				

Recommended use:	<ul style="list-style-type: none"> • General use • Furniture • Chairs
Application method:	Spray: conventional air gun, airmix, airless, electrostatic (as long as with machines suitable for WB products).
Product preparation:	Ready to use; if needed, thin with tap water.

Chemical-physical properties (23°C)

Solid content (%)	32 ± 2
Specific gravity (g/cm ³)	1,030 ± 0,030
Viscosity DIN 8 (s) winter	50 ± 5
Viscosity DIN 8 (s) summer	60 ± 5
pH	7 - 9

Application properties

Vertical application (wet µm)	170
Recommended n° of coats	max 3 coats
Recommended quantity per coat (g/m ²)	min: 120 max: 200
Interval between coats	2 - 3 hours
Spreading rate (m ² /litre)	5 - 10

General remarks on coating system

Drying at 20°C and RU% between 45 and 65: 120 g/m²	
Dust free	45 minutes
Handling	60 minutes
Stackable	8 hours

Forced drying: 120 g/m²		
	Temperature	Time
Flash Off	30 °C	10 minutes
Laminair Air	45 °C	15 minutes
Cooling	25°C	5 minutes
Stackable	Just downloaded from tunnel	

Substrate preparation: Surface must be well clean and dry (10-14% humidity), with no oil, resins and wax traces. Sand the wood substrate with 180-220 paper grit in order to reduce the fiber swelling.

Application instructions: To obtain the best results, it is recommended not to thin with water but to choose the best application conditions that allow the maximum atomization. For example, for spray application:

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional air gun	--	1,9 - 2,2	3 - 4	--
Airmix	--	11	0 - 2	80 - 110
Airless	--	11	--	120 - 150

The use of pre atomizers and pre heaters (with temperatures between 30 and 40 °C) ensures better application constancy throughout the year. Drying should be carried out in areas with good air ventilation (the whole volume of air of the drying room should be renewed every 15-20 minutes).

Overcoating: Water-based self-primer for interior YO XXM864/XXXXX can be overcoated after being sanded with 280 – 320 grit paper. This product can be used as a primer on water-based, polyester or UV basecoats. It is not recommended to overcoat Nitro or PU basecoats to avoid low adhesion.

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 overs (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.