



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

# YO xxM839

One – two pack waterborne thixo topcoat for parquet

**Main properties:**

• Excellent wear resistance	• Excellent flow ability
• Not yellowing	• Long pot-life (+/- 4 hours)
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**Versions:**

<b>10M839</b>	10 gloss clear	<b>20M839</b>	20 gloss clear	<b>50M839</b>	50 gloss clear
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<b>Recommended use:</b>	• Parquet	• Scale components	• Furniture
<b>Application method:</b>	Spray		
<b>Blending instructions:</b>	<b>Monocomponent</b> : if used as mono-component it is ready <b>Two component</b> : blending at the ratio of 10 % with YC M403 by using a drill . In case of use of YC M400 the gloss level could result reduced.		

**Chemical-physical properties (23 °C)**

Solids content (%)	30 ± 1
Specific gravity (g/cm <sup>3</sup> )	1,030 ± 0,030
Viscosity DIN 4 (s)	40 ± 5
Viscosity Brookfield (mPas)	-
pH	7 - 8

**Application properties**

Vertical application ( wet µm)	100
Recommended N° of coats	from 1 to 2 coats
Recommended quantity per coat (g/m <sup>2</sup> )	min: 60 max: 100
Interval between coats	2 hours
Spreading rate (m <sup>2</sup> /litre)	From 10 to 18

**General remarks on the application system**

Drying at 20°C and 45 – 65 RU% : 80 g/m <sup>2</sup>	
Dust free	60 minutes
Handling	90 minutes
Over-coating	2- 4 hours
Stepping time	24 hours
Sanding time	16 hours

Forced drying: 80 g/m <sup>2</sup>		
	Temperature	Time
Flash Off	30° C	10 minutes
Laminar Air	45° C	30 minutes
Percussion Air	45° C	30 minutes
Cooling	20° C	10 minutes
Overcoating	Just downloading	
Walkable	12 h	
Stackable	4 h	

**Substrate preparation:** Sanding very well the substrate by using paper 240 - 280 grit

**Application instructions:** It is recommended to add YC---M401 under stirring condition. First coat must be light. In summer of warm condition, it is suggested to thin with small quantity of retardant code AYM445 to make easier applying and flowing. Apply the second coat after 1 – 2 hours without sanding. Substrate must be sanded after the first coat only when pause time exceed 3 hours.

**Hardener:** After blending with hardener, product **YO xxM839** can be used for 3 hours. After this period of time, use new product. If product YOxxM839 is used as monocomponent, we suggested to use only for application on low impact floor.

For further information regarding the use of waterborne products, please refer to the Main Guide

**GeneralRemarks**

- Mix well before use.
- If properly stored at temperatures between 5 and 35°C, shelf life is 12 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 5 liters
Improve the flow ability	<b>AY M450</b>	2 - 10	100 -500
Eliminate craters/cissings	<b>AY M457</b>	0,2 - 1	10 -50