



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

YO XXM761/ SBN

WB topcoat, converter for interiors

Main properties

<ul style="list-style-type: none"> • Excellent hardness and soft touchness • Base for lacquered colours 	<ul style="list-style-type: none"> • Excellent matting harmonizing properties • High pigmenting properties
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Versions

YO-05M761/--SBN	05 GLOSS	YO-30M761/--SBN	30 GLOSS	YO-50M761/--SBN	50 GLOSS
YO-15M761/--SBN	15 GLOSS				

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

Chemical-physical characteristics (23 °C)

Solid content (%)	35 ± 1
Specific weight (g/cm ³)	1,150±0,030
Viscosity DIN 8 (s)	80 ± 2
pH	8 - 8,5

Application characteristics

Maximum vertical hold (wet µm)	160
Recommended n° of coats	1
Recommended quantity per coat	min: 100 max: 150
Interval between coats	-
Spreading rate (m ² /litre)	6 - 11

General remarks on coating system

Drying at 20°C and 45 – 65 RU%: 120 g/m ²		Forced drying: 120 g/m ²		
			Temperature	Time
Dust free	45 minutes	Flash Off	30 °C	10 minutes
Handable	1,5 h	Laminar air	45 °C	1 h
Overcoating	-	Cooling	20 °C	10 minutes
Stackable	12 h	Stackable		1,5 h

Substrate preparation: Sand the substrate with 320 – 400 grit paper. YO XXM761/ SBN can be applied on WB, PE or UV basecoats. Do not apply on nitro or PU basecoats.

Application instruction: In order to obtain the best result, it is recommended to avoid thinning the product with tap water, but to choose the best application conditions that shall allow the maximum product atomization. For example, for spray application

	Thinning ratio%	Nozzle	Air pressure	Coating pressure
Conventional gun	4 - 6	2 - 2,5	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 consistency all year round. 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).

Pigmentability: Refer to formulation of Aquaris waterbased coating for interior YO-76 for colours made with WB pastes EY M460/xxx. White base SBN can be pigmented up to 4%. Read the TDS of WB pastes for more technical information about covering properties, light resistance, etc.

General remarks

- Mix very 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 of residues directly into drains.
- Application tools must be cleaned with water after use. When dry films must be removed, special detergent AY---M460 should be used, letting it work overnight and then cleansing with water.

What to do...	Add	% of use	
		%	Grams per 25 litres
To slow down drying time	AY M444	1 - 2	250 - 500
To increase thixotropy or viscosity	AY M453	0,5 - 2	125 - 500
To reduce the matting	AY M430	2 - 4	500 - 1000
In case of cissing	AY M457	0,2 - 1	50 - 250
Improve chemical resistance and stackability	YC M408	0,5 - 1	125 - 250
Improve chemical resistance and adhesion to glass	YC M419	1 - 2	250 - 500