



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

# YO XXU765/XXXXX

Wb topcoat converter for interior

**Main properties:**

<ul style="list-style-type: none"> <li>• Excellent building and soft touchness</li> <li>• Excellent vertical hold</li> </ul>	<ul style="list-style-type: none"> <li>• High coverage properties</li> <li>• Quick drying</li> </ul>
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**Versions**

<b>10U765/ SBN</b>	10 gloss white	<b>10U765/ NTR</b>	10 gloss Neutral
<b>20U765/ SBN</b>	20 gloss white	<b>20U765/ NTR</b>	20 gloss Neutral
<b>30U765/ NTR</b>	30 gloss Neutral	<b>30U765/ SBN</b>	30 gloss white
<b>50U765/ NTR</b>	50 gloss Neutral	<b>50U765/ SBN</b>	50 gloss white

<b>Recommended use:</b>	<ul style="list-style-type: none"> <li>• General use</li> <li>• Furniture</li> <li>• Electrostatic application</li> </ul>
<b>Application method:</b>	Spray: conventional air gun, airmix, airless,
<b>Blending instructions:</b>	ready to use; if need, thinning with tap water and/or add the crosslinker <b>YC M406</b> (quantity from 1 to 2%) <b>to get isolating properties or to have a better adhesion on solvent based basecoat, the product YOXXU765/ XXX can be catalysed with YC---M404 at 4-5%.</b>

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

Solid content	SBN 37 ± 3 - NTR 30 ± 3
Specific gravity (g/cm <sup>3</sup> )	SBN 1,150 ± 0,030 NTR 1,030 ± 0,030
Viscosity Brookfield	Vel. 20 gir. 5 <b>6000 ± 500 cps</b>
pH	7 - 9

**Application properties**

Vertical application (wet µm)	180
Recommended N° of coats	1/2
Recommended quantity per coat (g/m <sup>2</sup> )	min: 150 max: 200
Interval between coats	At least 4 h
Spreading rate (m <sup>2</sup> /liters)	5 - 8

**General remarks on the application system**

<b>Drying at 20°C and 45 – 65 RU%: 120 g/m<sup>2</sup></b>	
Dust free	45 minutes
Handable	2 h
Overcoatable	4 h
stackable	12 h

<b>Forced drying: 120 g/m<sup>2</sup></b>		
	Temperature	Time
Flash Off	30 °C	10 minutes
Laminar air	45 °C	60 minutes
Cooling	20 °C	10 minutes
Stackable	4 h	

**Substrate preparation:** Clean very well the basecoat with 320-400 grit paper. YO XXU765/XXXXX can be applied on water based, PE or UV basecoat. Do not overcoat with nitro or PU basecoats.

**Application instructions:** To obtain the best results, it is recommendable not to thin with water but to choose the best application conditions that allow the maximum atomization. The pot-life of the catalysed product is 3-4 hours. Here are some general guidelines suggested for spray application

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional spray 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 constancy whatever it is the ambient room. 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).

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 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 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 in order to.....	Add	% of use	
		%	Grams for 25 liters
Slow down drying time	<b>AY M444</b>	1 - 2	250 - 500
Improve viscosity	<b>AY M453</b>	0,2 - 4	50 - 1000
Eliminate cissing	<b>AY M457</b>	0,2 - 1	50 - 250
Improve chemical resistance	<b>YC M406</b>	1 - 2	125 - 250