## **Technical Data Sheet**



Renner USA Corp. 651, Michael Wylie Drive Charlotte, NC 28217

## YOxx.1321.00US

Clear WB Mono-Bicomponent Topcoat - xx Sheen

Main properties:

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<ul> <li>Exceptional metal marking resistance</li> </ul>	<ul> <li>User friendly application</li> </ul>
Superior hardness	Excellent sheen uniformity
Soft touch	Natural aspect
For interior	1 or 2 Component

Versions	- Gloss	angle at	60°.	100²g/m²
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YO05.1321.00US	05±2 gloss	YO20.1321.00US	20±2 gloss
YO15.1321.00US	15±2 gloss	YO30.1321.00US	30±2 gloss

Recommended use:	Furniture	Doors	Cabinets
Application method:	Spray, HVLP		
Blending instructions	Can be catalysed at 10% with YC	.1400US. Add YC.1400US little by	little, mixing with spatula in
Dienang instructions	between. Wait 15 min to spray.		

Chemical-physical properties (25 °C/77°F)		Application properties		
Solids content (%)	Volume: 30.00±2% Weight: 31.28 ± 2%		Pot Life (catalysed)	4h
Specific gravity (g/cm3)	1.121 ± 0.02		Recommended N° of coats	1
Viscosity 25°C/77°F	95 ± 5 KU		Recommended quantity per coat (g/m <sup>2</sup> )	100-120

	General remarks	on the application sys	tem	
Drying at 20°C/68°F	and 45 – 65 RU%: 100 g/m <sup>2</sup>	Forced drying: 100 g/m <sup>2</sup>		2
Sanding	4 hr		Temperature	Time
Handling	2 hr	Flash Off	25°C/77°F	1 min
Dust Free		Laminar air	60°C/140°F	5 min
Stackable	16 hr	Jet air	60°C/140°F	5 min
		Cooling	25°C/77°F	
		Stackable		
		Sanding		
		Re-coating		

Substrate preparation Ensure the surface is clean and dry. Substrate must be free of grease, oil, dirt, fingerprints, and any other contamination to ensure optimum adhesion and coating performance properties. Sand the wood with 220-240 grit Application instructions: Mix the product very well before usage; Spray 2 coats of water-based sealer as YL.1150.00US or YL.1097.00US, following the instructions of their own TDS; Dry, sand with 320 grit; Spray 1 coat of YOxx.1321.00US.

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional gun	-	1.8-2.2	40 Psi	

## General remarks

· Mix well before use.

• If water is used to thinning, final gloss may increase.

• If properly stored at temperatures between <u>5°C/41°F and 35°C/95°F</u>, 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/59°F. 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.
- Can be tinted with Water-Based Colorants YXP.1139-Colors up 5%. To make light shades, can be mixed with the White Topcoat YOxx.1321.02US as much as needed.

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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. AFTER PROLONGED STORAGE, THE VISCOSITY OF PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE ONE MENTIONED ON THE TECHNICAL DATS SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.