



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

YOxx.1321-Colors

WB Mono Bicomponent Topcoat xx Sheen

Main properties:

<ul style="list-style-type: none"> • Exceptional metal mark and chemical resistance • Superior hardness 	<ul style="list-style-type: none"> • Smooth touch • Excellent sheen uniformity
---	--

Versions:

YO15.1321.02US	15 gloss/White	YO15.1321.1018US	15 gloss/Off-white
YO20.1321.02US	20 gloss/White	YO30.1321.02US	30 gloss/White

Recommended use:	<ul style="list-style-type: none"> • Furniture • Doors • Cabinets
Application method:	Spray, HVLP Air Assisted
Blending instructions	Catalysis: 10% with YC.1400US (optional). Add half YC.1400US in the product, mix very well with spatula, then add the other half and mix very well again. Wait 15 min to spray.

Chemical-physical properties (25 °C/77°F)

Solids content in weight (%)	38 ± 2%
Specific gravity (g/cm ³)	1.120 ± 0.02
Viscosity 25°C/77°F	95 ± 5 KU

Application properties

Pot Life	4h
Recommended N° of coats	1
Recommended quantity per coat (g/m ²)	100

General remarks on the application system

Drying at 20°C/68°F and 45 – 65 RU%: 100 g/m²	
Sanding	4 hr
Handling	2 hr
Dust Free	2 hr
Stackable	72 hr

Forced drying: 100 g/m²		
	Temperature	Time
Flash Off	25°C/77°F	1 min
Laminar air	60°C/140°F	5 min
Jet air	60°C/140°F	5 min
Cooling	25°C/77°F	5 min
Stackable	24hr (see general remarks)	
Sanding	Right after cooling	
Re-coating	Right after sanding	

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 primer (YL.1214.02US or YL.1150.02US) following the instructions of their own TDS; Dry, sand with 320 grit; Spray 1 coat of YOxx.1321-Color.

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional gun	-	1.8-2.0	40 Psi	--

General remarks

- Tinting: Colorants YXP.1139-Colors up 5% are recommended to match colors. For dark colors use the clear topcoat version YOxx.1321.00US, and for medium colors blend the white and the clear versions.
- Colorants and its quantities can impact in the final drying time, stackability (or blocking) resistance. The final time to stack should be determine after validation test for each specific process.
- If properly stored at temperatures between 5°C/41°F and 35°C/95°F. 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.