



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

# YB90.1245.00

## Clear Waterbased Topcoat 90 Sheen

**Main properties:**

• Excellent sheen uniformity and transparency	• User friendly application
• Exceptional hardness and touch feel	• Fast dry times

**Versions:**


<b>Recommended use:</b>	• Furniture	• Cabinets	• Interior wood pieces
<b>Application method:</b>	Spray application		
<b>Blending instructions</b>			

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

Solids content (%)	Volume: - Weight: 30.17 ± 2%
Specific gravity (g/cm <sup>3</sup> )	1.029 ± 0.02
Viscosity 25°C/77°F	60 ± 5 sec Ford Cup 6

**Application properties**

Pot life	4hr
Recommended N° of coats	1-2
Recommended quantity per coat (g/m <sup>2</sup> )	75-100

**General remarks on the application system**

Drying at 25°C/77°F and 45 – 65 RU% : 100 g/m <sup>2</sup>		Forced drying: 100 g/m <sup>2</sup>		
			Temperature	Time
Overcoating	-	Flash Off	29°C/85°F	10 min
Sanding	-	Laminar air	43°C/110°F	30 min
Handling	-	Jet air	60°C/140°F	-
Stackable	16 hr			

**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 substrate and clear of dust.

**Application instructions: Use 2 coats of WB Sealer –YL.1150.00US – according to its TDS, then spray 1 to 2 coats of YB90.1245.00US. Dry and sand between coats(320 or 360 grit)**

	Thinning ratio %	Nozzle	Air pressure	Coating pressure
Conventional gun	--	2-2.2	3-4	--
Airmix	-	-	0-2	80-110
Airless	-	11	-	120-150

**General remarks**

- Mix well before use.
- To improve chemical resistance and hardness use 1% crosslinker YC.1402
- If properly stored at temperatures between 5°C/41°F and 35°C/95°F, shelf life is 360 days
- 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.