



**KAPCI**  
COATINGS

Technical Data Sheet

Issue Date May 2022

For professional use only

## WS 500 2K PU clear sealer

### Product properties

WS 500 is a 2K polyurethane transparent sealer with excellent filling and sanding properties. It is used for sealing of wooden substrates prior to applying Kapci transparent coatings.

Theoretical coverage: 5-6 m<sup>2</sup>/l per a coat

### Products for application

WS 500 2K PU Clear Sealer

WS 505 PU Hardener

Kapci 2450 PU Thinner Normal

Kapci 2460 PU Thinner Slow

Note: Kapci 2460 slow thinner is recommended for temperature over 30°C.

### Substrate and surface preparation

WS 500 is used over solid wood, veneer, plywood, etc. for sealing of wooden substrates in preparation for the application of transparent coatings. Prior to applying WS 500, sand solid wood with P80 or P120 sanding paper; for veneer and plywood, use P150 or P180 sanding paper. Blow off dust and wipe off contaminants (grease, oil, etc) before painting.

### Application



	Mixing ratio: 100:50:10-20 Hardener: WS 505 Thinner: Kapci 2450 or Kapci 2460  Pot life: 4-5 hours at 25°C																
	Apply 2 single coats. If more coats are needed, allow minimum 20 minutes drying before recoating.																
<table border="1"><thead><tr><th></th><th>Spray Nozzle</th><th>Inlet pressure</th><th>Atomization pressure</th></tr></thead><tbody><tr><td>Compliant</td><td>1.6-1.8</td><td>2 bars (26- 29 psi)</td><td></td></tr><tr><td>HVLP</td><td>1.6-1.8</td><td>2 bars (26- 29 psi)</td><td>0.7bar (8-10 psi)</td></tr><tr><td>Conventional</td><td>1.6-1.8</td><td>3-3.5 bar (45-50 psi)</td><td></td></tr></tbody></table>			Spray Nozzle	Inlet pressure	Atomization pressure	Compliant	1.6-1.8	2 bars (26- 29 psi)		HVLP	1.6-1.8	2 bars (26- 29 psi)	0.7bar (8-10 psi)	Conventional	1.6-1.8	3-3.5 bar (45-50 psi)	
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Note: Refer to the spray gun manufacturer's recommendation.																	

**IMPORTANT NOTE:** These TDS are for information purposes only without any obligation as we do not have control over the quality and conditions of the surface or application.



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	Dry dust free: 10-15 min/25°C Dry to sand: 2-3 h/25°C
	Sand with grit paper P320 followed with P400 and finish with P500

### Other tips

Practical coverage depends on several factors including shape, roughness and porosity of the object to be painted, spraying equipment used, application methods, application conditions, film thickness, etc.

### Shelf life

3 years from production date stored in original packaging at normal conditions.

### Health and Safety

1. For full Health and Safety information please refer to the Material Safety Data Sheet.
2. Observe the precautionary notices displayed on the container.
3. Good ventilation must be provided in the working environment.