KAPCI COATINGS

Technical Data Sheet

Issue Date January 2025 **For professional use only**

WS 500 - 2K Polyurethane 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^2/l per a coat

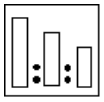
Products for application

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 P180 or P120 sanding paper; for veneer and plywood, use P220 or P180 sanding paper. Blow off dust and wipe off contaminants (grease, oil, etc) before painting.

Application



Mixing by volume:
100:50:10-20

Pot life 2-3 hours at 25°C

100% WS 500 PU Sealer

50% WS 505 Hardener

10-20% 2450-2460 PU thinner



Apply 2 single coats. If more coats are needed, allow minimum 20 minutes drying before recoating.

	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)	

Note: Refer to the spray gun manufacturer's recommendation.



Dry dust free:10-15 min/25°C
Dry to sand: 2-3 h/25°C

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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.

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