



KAPCI
COATINGS

Technical Data Sheet

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for professional use only

WS 700 Polyester clear sealer

Product description

WS 700 is a paraffin-free polyester transparent sealer used for the protection of furniture, wooden articles, and interior wood work. It has excellent filling and sanding properties, good leveling, and high build. WS 700 is recommended for MDF and chipboards in conjunction with polyurethane finishes when high quality surface treatment is required.

Theoretical coverage: 4-6 m²/kg per a coat

Products for application

WS 700 PE Clear Sealer

Kapci 2210 Accelerator

Kapci 2215 Catalyst

Kapci 2220 PE Thinner

Substrate and surface preparation

WS 700 is designed for application over different types of wooden substrate and is particularly recommended for MDF and chipboards in conjunction with polyurethane finishes. For obtaining optimum results, it is recommended to apply Kapci 2100 2K PU Insulator prior to applying WS 700. In case of applying WS 700 over porous and resinous types of wood (rosewood, teakwood, mansonina, etc.), the use of the insulator is required. Kapci 2100 insulator must be left to dry for 2-3 hours before the application of WS 700 PE sealer.

Sand the surface of solid wood with P180-P120 grit paper. For MDF, plywood and veneer, use finer grit paper P220 or P180. Blow off dust and degrease the surface.

Application

	Mixing Ratio by weight		
	Pot life:15 minutes		
	PE Sealer	Accelerator:	Catalyst:
	WS 700	Kapci 2210	Kapci 2215
	100	2	2
			PE Thinner:
			Kapci 2220
			20-30%

Note: Mix WS 700 sealers with Kapci 2210 accelerator mix well then add Kapci 2220 Thinner then add Kapci 2215 catalyst directly before spraying. Do not mix accelerator Kapci 2210 with catalyst Kapci 2215 together.

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Apply 2 single coats.

	Spray Nozzle	Inlet pressure	Atomization pressure
Compliant	2.5	2 bars (26- 29 psi)	
HVLP	2.5	2 bars (26- 29 psi)	0.7bar (8-10 psi)
Conventional	2.5	3-3.5 bar (45-50 psi)	

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



Dry to sand: Next day



Sand with P220 grit paper followed with P320 and finish with P500

Precautions

As polyesters products are more difficult to use than conventional paints, so precautions and care need to be taken prior to and during the application:

1. Extreme care should be taken when catalyst is measured. Do not add less or more catalyst as it will adversely affect the final result.
2. Follow the mixing instructions and order of adding of the mixing components. The accelerator and the catalyst must not be mixed directly with each other!
3. Ensure correct storage and handling of the accelerator and the catalyst. They are inflammable in direct contact.
4. Avoid storage in hot conditions.
5. Be aware of short pot life and short shelf life of the product.

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

1 year from production date stored in original packaging at normal conditions. Avoid storage in hot conditions and direct exposure to sun.

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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