



KAPCI
COATINGS

Technical data Sheet

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for professional use only

Kapci 2100 2K polyurethane insulator

Product properties

Kapci 2100 is a 2K polyurethane transparent insulator for application over porous wooden surfaces. The product is especially designed for the application over resinous types of wood including rosewood, teakwood, mansonia, etc. prior to applying polyester coatings. Kapci 2100 fills in porosity of wooden substrates such as MDF, solid wood, etc., ensures covering of surface imperfections, and allows fast and uniformly drying of subsequent coatings.

Theoretical coverage: 5-7 m²/l per a coat.

Products for application

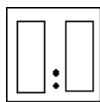
Kapci 2100 2K PU Insulator

Kapci 2125 Hardener

Substrate and surface preparation

Product is suitable for application over almost any type of wooden substrates such as MDF, solid wood, etc. when good filling properties and covering of surface imperfections are required. Prior to applying Kapci 2100, sand solid wood with P80-P120 sanding papers; for MDF, plywood and veneer, use finer grit paper P150 or P180. Blow off dust and degrease the surface.

Application



Mixing ratio by volume: 100:100

Hardener: Kapci 2125

Pot life: 3 - 4 hours at 25°C



Apply 2 single coats.

| | 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) | |

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



Sand with P320 sanding paper followed with P400

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.

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.