



**KAPCI**  
COATINGS

Technical Data Sheet

Issue date May 2022

For professional use only

## WS 430 2K PU matt clearcoat for interior

### Product properties

WS 430 is a 2K polyurethane matt clearcoat used for furniture and wooden articles when smooth finish is required along with good resistance to various chemical agents and changes to temperatures. It is used for room, kitchen and public furniture, bathroom fittings and interior woodwork (doors, window frames, partitions, built-in closets, ceilings, wall-paneling, etc.)

Gloss: 15-20 GU (angle 60°)

Theoretical coverage: 6-8 m<sup>2</sup>/kg per a coat

### Products for application

WS 430 2K PU Matt Clearcoat

WS 435 PU Hardener

Kapci 2450 PU Thinner-normal

Kapci 2460 PU Thinner-slow

NOTE: Kapci 2460 slow thinner is recommended for application at high temperatures.

### Substrate and surface preparation

WS 430 is suitable for application over all kind of wooden surfaces previously properly prepared. New untreated wooden surface should be sanded with P80 or P120 sanding paper. If wooden surface should be colored, first apply Kapci 2800 Wood Stain and then apply 2K PU or PE clear sealer (refer to relevant TDSs).

Before applying WS 430 clearcoat, sand the surface with sanding paper P500, blow off dust and wipe off contaminants (grease, oil, etc).

### Application



Mixing ratio: 100:50:10-20



Hardener: WS 435

Thinner: Kapci 2450 or Kapci 2460

Pot life: 3-4 h/25°C

**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.



|  | Apply 2 single coats.        |                       |                     |                      |
|---|------------------------------|-----------------------|---------------------|----------------------|
|   |                              | Spray Nozzle          | Inlet pressure      | Atomization pressure |
|   | Compliant                    | 1.3-1.4               | 2 bars (26- 29 psi) |                      |
|   | HVLP                         | 1.3-1.4               | 2 bars (26- 29 psi) | 0.7bar (8-10 psi)    |
| Conventional  | 1.3-1.4                      | 3-3.5 bar (45-50 psi) |                     |                      |
| Note: Refer to the spray gun manufacturer's recommendation.                       |                              |                       |                     |                      |
|  | Dry to touch: 40-50 min/25°C |                       |                     |                      |
|   | Dry to handle: 3-4 h/25°C    |                       |                     |                      |

**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.