



Issue date May 2022	Technical Data Sheet	For professional use only
---------------------	----------------------	---------------------------

## WS 690 NC surfacer

### Product properties

WS 690 is a fast drying, easy to sand nitrocellulose surfacer having excellent filling properties. It is used for wooden surfaces not exposed to mechanical, chemical, or thermal effects. Kapci WS690 can be used for furniture, wooden articles and interior woodwork including cupboards, shelves, door frames, window frames, partitions, etc.

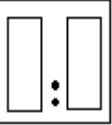

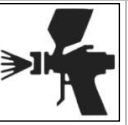
Theoretical coverage: 7-8 m<sup>2</sup>/l per coat

### Products for application

WS 690 NC Surfacer  
Kapci 525 NC Thinner

### Substrate and surface preparation


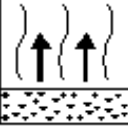

Sand the surface of solid wood with P80 or P120 sanding paper. For MDF, plywood or veneer, use finer grit paper P150 or P180. Blow off dust and wipe off contaminants (grease, oil, etc.) prior to applying Kapci WS 690 NC surfacer.

 (1:3)	<b>Mixing ratio by weight:</b> 100:100	100% Kapci WS690 NC Surfacer 100% max Kapci 525 NC thinner																	
	<b>Application viscosity:</b> 18-20 s (F4/20°C)																		
	<b>Spray gun tips:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr style="background-color: #cccccc;"> <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)	
	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.



**KAPCI**  
COATINGS

	<p>Number of coats: Apply 2-3 single coats</p> <p>Total dry film thickness 40-50 microns</p>
	<p>Flash off time: 5 min between coats</p>
	<p>Drying time at 25°C: Dust free: 20 – 30 min/20°C Dry to Sand 2-3 h</p>

#### Other tips

1. 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.
2. For best results, it is always recommended to test the products on scrap pieces of wood before start paint job.

#### 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.

---

**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.