



Technical Data Sheet

Issue date January 2024

for professional use only

Kapci 620 2K Transparent Sealer

Product description

Kapci 620 is an extraordinary 2K transparent acrylic sealer with excellent adhesion properties over non-sanded areas hence eliminating the requirements for sanding.

This versatile product can be used as:

1. Adhesion promoter over non-sanded finishes
2. non-sanding (wet-on-wet) sealer
3. Flattable isolator over sanded areas.

Kapci 620 2K Transparent sealer can be tinted with Kapcicryl 660 2K paints up to 10% by volume.



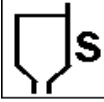
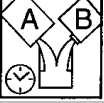

Substrates

Kapci 620 may be applied over OEM finishes, existing 2K paints and 2K primers/2K Fillers.

Areas which are liable to damage such as wheel arches, leading edges or sills will benefit from additional adhesion if previously properly flatted.

When Kapci 620 is used as an isolator, the surface needs to be properly sanded prior to applying topcoats.

Application



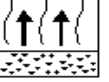

	Mixing ratio by volume: 100:50:20 (2:1:0.4)	100% Kapci 620 2K Transparent sealer 50% Kapci 2K MS Hardeners: 653 Extra Fast or 652 Fast 20% Kapci 2K thinners: 600F Fast or 600 Normal			
	Use measuring stick				
	Application viscosity: 18-20 sec (DIN4 at 20°C)				
	Pot life: 4h at 20°C				
	Spray gun tips:				
		Spray Nozzle	Inlet pressure	Atomization pressure	
		Compliant	1.3-1.4 mm	2 bars (26- 29 psi)	
		HVLP	1.3-1.4 mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)
		Conventional	1.3-1.4 mm	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



	Number of coats as adhesion promoter: Apply 1 light coat. Total dry film thickness 20-25 microns.
	Number of coats as non-sanding sealer or as isolator: Apply 2 light coats. Total dry film thickness 40-50 microns.
	Flash off time between coats: 5-10 minutes at 20°C
	Drying time: Before overcoating adhesion promoter or non-sanding sealer: 20-30 minutes at 20°C Before overcoating isolator: 30 min at 60°C or 24h at 20°C

General notes

Sanding

Kapci 620 does not require sanding. However, if left more than 24h it must be flatted before overcoating. For sanding use dry machine sanding P400 for 2K acrylic topcoats or P500 for basecoat colors.

Tinting

Kapci 620 may be tinted with Kapcicryl 660 up to 10% by volume. After Kapci 620 has been tinted, add hardener and thinner in the normal manner. Note, the thinner may be required in order to achieve appropriate spraying viscosity.

Other tips

1. Thicker layers of Kapci 620 adversely affect gloss leading to loss of gloss of subsequent coats of 2K acrylic paints or clearcoats.
2. Do NOT apply Kapci 620 transparent sealer over synthetic and nitrocellulose primers and fillers.
3. Do NOT apply Kapci 620 transparent sealer underneath synthetic and nitrocellulose paints.
4. Clean the spraygun thoroughly immediately after the use 2K products.

Health and Safety

1. For full Health and Safety information refer to Material Safety Data Sheet (MSDS).
2. Observe the precautionary notices displayed on the container.
3. Goggles and suitable protective equipment must be worn while using these products.
4. 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.