



KAPCI
COATINGS

Technical Data Sheet

Issue date January 2025

For professional use only

Kapci 3150 Matt 2K MS Clearcoat

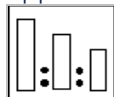
Product description

Kapci 3150 Matt is a 2K medium solids acrylic clearcoat designed for repairs of surfaces requiring matt finish. It delivers flexible and matt finish, and is used in conjunction with standard Kapci hardeners - 653 Extra Fast, 652 Fast, 651 Normal, or 656 Slow.

Substrates

Kapci 3150 Matt clearcoat should be applied over Kapcibase and Laticobase solvent-based basecoat colors or properly prepared old paint work in sound conditions. Existing job should be properly sanded and degreased prior to applying Kapci 3150 Matt clearcoat.

Application



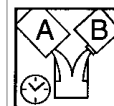
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Mixing ratio by volume:

Kapci 3150 MS Clearcoat	Kapci MS Hardeners	Kapci 2K Thinners:
100%	50%	30%
	653 Extra Fast, 652 Fast 651 Normal 656 Slow	600F Fast, 600 Normal, 601 Slow 602 Extra Slow



Application viscosity:
15-18 s (DIN4/20°C)



Pot life:
4 h at 20°C



Spray gun tips:

	Spray Nozzle	Inlet pressure	Atomization pressure
Compliant	1.2-1.3mm	2 bars (26- 29 psi)	
HVLP	1.2-1.3mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)
Conventional	1.2-1.3mm	3-3.5 bar (45-50 psi)	

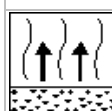
For best overall results, refer to the spray gun manufacturer's recommendation.



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Number of coats:
Apply 2 normal coats.
Total dry film thickness 50-55 microns.



Flash off time:
5-10 min/20°C between coats (until matt)
20 min/20°C before baking



Drying time:
15 h/20°C
30 min/60°C



IR drying:
Short wave*: 10-15 min
*Guideline for IR equipment. Refer to the IR equipment manufacturer's instruction for sets-up.

General notes

Choice of hardener

Choice of hardener and thinner	Size of repair and temperature				
	Spot and partial repair		Whole car repair		
Temperature	Up to 20°C	Up to 25°C	Up to 30°C	More than 30°C	
Hardener	653	652	651	656	
Thinner	600F	600/600F	600	601 more than 30	602 more than 35

Other tips

1. Kapci 3150 Matt Clearcoat has gloss 10-15 GU at $\angle 85^\circ$. It cannot be polished as the polishing process will gloss the clearcoat.
2. For optimum application, ensure that both spray booth temperature and paint temperature is between 20°C and 25°C.

VOC (2004/42/EC)
2004/42/IIB(e) (840)560

The EU limit value for this product (product category: IIB.e) in ready for use form is maximum 840 g/l of VOC.
The VOC content of this product in ready for use form is maximum 560 g/l.

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.