



KAPCI
COATINGS

Technical Data Sheet

Issue date January 2024

For professional use only

Kapci 6030 2K HS Clearcoat - VOC Compliant

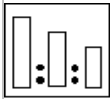
Product description

Kapci 6030 is a high solids VOC compliant 2K acrylic clearcoat which can be used over Kapci Dima 9670 waterborne basecoats. It is suitable for all types of repairs and delivers high gloss and durable finish.

Substrates

Kapci 6030 HS clearcoat should be applied over Kapci Dima 9670 waterborne basecoats, Kapcibase 670/640 basecoats, and properly prepared paint work in sound conditions.

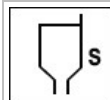
Application



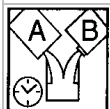
Mixing ratio by volume:

2:1:0.1-0.2

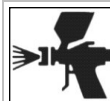
Kapci 6030 HS Clearcoat	Kapci HS Hardeners	Kapci 2K Thinners:
100%	50%	5-10%
	6054 Fast 6055 Normal 6056 Slow (For VOC compliant) Or 6031 Extra fast 6033 Fast 6035 Normal 6037 Slow (For Non-VOC compliant)	600F Fast, 600 Normal, 601 Slow 602 Extra Slow



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



Pot life:
4 h at 20°C



Spray gun tips:

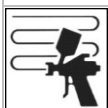
	Spray Nozzle	Inlet pressure	Atomization pressure
Compliant	1.3-1.4mm	2 bars (26- 29 psi)	
HVLP	1.3-1.4mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)
Conventional	1.3-1.4mm	3-3.5 bar (45-50 psi)	

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.



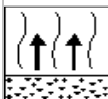
KAPCI
COATINGS

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



Number of coats:

Apply 1 light and 1 normal coat.
Total dry film thickness 60-70 microns.



Flash off time:

5-7 min/20°C between coats;
20 min/20°C before baking



Drying time:

Hardener	20°C	60°C
6037 Slow	16-18h	35
6035 Normal	14-16h	30min
6033 Fast	12-14h	25min
6031 Extra Fast	6-8h	20min



IR Drying:

Short wave*: 10-15 min

*Guideline for IR equipment. Refer to the IR equipment manufacturer's instructions for set up.

General notes

Choice of hardeners and thinners

- Kapci offers a range of hardeners to meet every type and size of car refinish under all conditions.
- The recommendations below are for guidance only. Use Kapci HS hardeners 6054, 6055 and 6056 for VOC compliant clearcoat.

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	6031	6033/6054	6035/6055	6037/6056	
Thinner	600F	600/600F	600	601 more than 30	602 more than 35

Rectification and polishing

Kapci 6030 clearcoat does not require polishing as it offers very good gloss. In a case that some dirt has occurred, denib with P2000 or finer and polish by machine using Kapci K40 Polish compound. Polishing is easiest up to 24 h after the drying time.

Other tips

1. For optimum application, ensure that both spray booth temperature and paint temperature are between 20°C and 25°C.

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KAPCI
COATINGS

2. Clean the spray gun thoroughly immediately after use of 2K products.

VOC (2004/42/EC)

2004/42/IIB(d) (420)418

The EU limit value for this product (product category: IIB.d) in ready for use form is maximum 420 g/liter of VOC.

The VOC content of this product in ready for use form is maximum 418 g/liter when mixed with Kapci 6054, 6055 and 6056 hardeners.

Health and Safety

1. For full Health and Safety information please 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.