



KAPCI
COATINGS

Technical Data Sheet

Issue date January 2025

for professional use only

Kapci 6070 UHS Fast Clearcoat - VOC Compliant

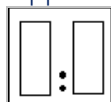
Product description

Kapci 6070 is a fast dry 2K clearcoat based on latest technologies delivering ultra high solids content. It is especially designed for spot and partial repairs at air drying conditions and for use over Kapci Dima 9670 waterborne basecoats. Kapci 6070 dries fast offering greater productivity and cost saving in application. It reduces solvent content, saves energy costs, and makes the repair process efficient. Kapci 6070 is a versatile UHS clearcoat that can be applied in one coat or in single-visit application delivering high gloss and high build finish.

Substrates

Kapci 6070 UHS clearcoat can be applied over Kapci Dima 9670 waterborne basecoat, Kapcibase 670/640 solvent-based basecoats, and properly prepared original paint in sound conditions.

Application



Mixing ratio:

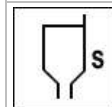
(1:1)

Kapci 6070 HS Clearcoat	Kapci HS Hardeners
100%	100%
	6073 Fast 6075 Normal

Note: for optimum adhesion

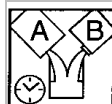
In solvent-based basecoat add 5% hardener

In water-based basecoat add 5% water base hardener to the basecoat



Application viscosity:

17 s (DIN4/20°C)



Pot life:

20-25 min 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)	

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



KAPCI
COATINGS

	Number of coats:		
	One-coat application:	Single-visit application	Two-coat application
	Apply 1 normal coat	Apply a fast 1/2 coat followed with 1 normal coat without flash-off time	Apply a fast 1/2 coat followed with 1 normal coat. Allow 5-10 min flash off time between coats.
	DFT: 40-45 microns	DFT: 60-70 microns	DFT: 60-70 microns
	Flash off time between coats: 5-10 min		
	Drying time with Kapci 6075: 5-6 h/20°C		Drying time with Kapci 6073 1.5-2 h/20°C
	No		

General notes

Choice of hardeners

Kapci 6073 fast hardener is used for spot and panel respray at temperature up to 20°C.

Kapci 6075 normal hardener is used for spot and panel respray at temperature 20°C-30°C.

Other tips

- 1) To ensure an optimal adhesion of basecoat to the clearcoat and filler, add 5 % of MS hardener or HS hardener to the basecoat
- 2) Contrary to conventional 2K high solids clearcoats, Kapci 6070 UHS clearcoat does not require baking as it cures fast at room temperature. With fast hardener, the polishing process is possible after 1.5-2 h.
- 3) Oven can be used only to speed up dry to touch time which is 15-30 min/60°C depending on the hardener used.
- 4) The use of IR lamp is not recommended.
- 5) Strictly follow the given mixing ratio 1:1. Do NOT add thinner since the addition of the thinner adversely affects hardness and the drying time of Kapci 6070 clearcoat.
- 6) Be aware of short pot life of the RFU mixture. Once mixed, the mixture should be spent within 20-25 min/20°C. Also be aware the higher the temperature, the shorter pot life time is.

VOC (2004/42/EC)

2004/42/IIB(d) (420)285

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 285 g/liter.



KAPCI
COATINGS

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.