



KAPCI
COATINGS

Technical Data Sheet

Issue date January 2025

for professional use only

Kapci 6080 UHS Express Clearcoat - VOC Compliant

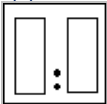
Product description

Kapci 6080 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 6080 Express clear coat dries fast offering greater productivity and cost saving in application. It reduces solvent content, saves energy costs, and makes the repair process efficient. Kapci Express clear coat 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 6080 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:

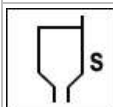
(2:1)

Kapci 6080 UHS Clearcoat	Kapci HS Hardeners
100%	50%
	6083 Fast

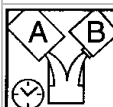
Note:

In solvent-based basecoat add 5% hardener to the basecoat.

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.

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

General notes

Choice of hardeners

Kapci 6083 fast hardener is used for spot and panel respray at temperature up to 20°C.

Other tips

- 1) To ensure an optimal adhesion of base coat 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 6080 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 15-20 min/60°C depending on the hardener used.
- 4) The use of IR lamp is not recommended.
- 5) Strictly follow the given mixing ratio 2:1. Do NOT add thinner since the addition of the thinner adversely affects hardness and the drying time of Kapci 6080 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/IIIB(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.

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.