



**KAPCI**  
COATINGS

For professional use only

Issue: May 2015  
Superseded: April 2015

## Kapci 12000 2K Acrylic Clearcoat

### Product description

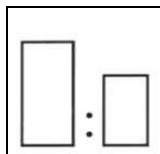
Kapci 12000 is 2K acrylic clearcoat suitable for air drying. It is especially formulated for spraying over basecoats. Kapci 12000 does not require addition of thinner making its application easy while reducing the cycle time and inventory costs. Kapci 12000 gives a high gloss and durable finish when used in conjunction with Kapci hardeners 12001 Normal and 12001F Fast.

### Substrates

Kapci 12000 should be applied over basecoat colors or properly prepared old paint work in sound conditions.

Existing job should be properly sanded and degreased prior to applying Kapci 12000 clearcoat.

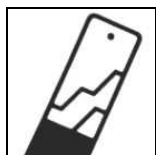
### Application



**Mixing ratio:**  
100:50  
(2:1)

100% Kapci 12000 Clearcoat  
50% Kapci Hardeners: 12001 Normal or  
12001F Fast

**Note:** Select appropriate hardener according to ambient temperature and size of the surface to be painted.



Use mixing ruler

These products are for the professional painting of automotive vehicles only after reference to the manufacturer's Material Safety Data Sheets (MSDS)



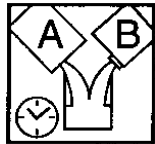
**KAPCI**  
COATINGS

For professional use only

Issue: May 2015  
Superseded: April 2015



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



Pot life:  
4 h at 20°C



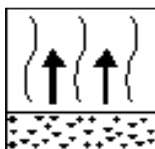
**Spraygun tips:**  
1.3-1.4 mm  
Conventional:  
3.0-3.5 bar/45-50 psi inlet  
HVLP: 2 bar/30 psi inlet

Refer to the spraygun manufacturer's recommendation.

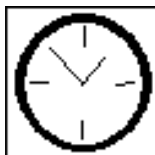


**Number of coats:**  
Apply 2 normal coats.

Total dry film thickness 50-60 microns.



**Flash off time:**  
3-7 min/20°C between coats;  
10-15 min/20°C before baking;



**Drying time:**  
8-9 h/20°C  
30 min/60°C



**IR drying:**  
Short wave\*: 8-10 min  
\*Guideline for IR equipment.

Refer to the IR equipment manufacturer's instruction for sets-up.



**KAPCI**  
COATINGS

For professional use only

Issue: May 2015  
Superseded: April 2015

## General notes

### *Choice of hardeners*

The recommendations below are for guidance only:

Kapci 12001F Fast hardener is used for spot repair and one-two panel repairs for temperatures from 18°C-20°C.

Kapci 12001 Normal hardener is suitable for large areas and for all repairs at temperatures up to 25°C.

### *Rectification and polishing*

Kapci 12000 clearcoat does not require polishing since it offers high gloss. In a case that some dirt has occurred, denib with P1500 or finer and polish by machine using a high quality polish. 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 is between 20°C and 25°C.
2. Clean the spraygun thoroughly immediately after use of 2K products.

### **VOC (2004/42/EC)**

2004/42/IIB(e)(840)620

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 620 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 products are for professional use only. The information in this Technical Data Sheet is based on our best knowledge and given for information purposes only without any obligation as we do not have control over the quality and conditions of the surface, or over many factors affecting the use and application of the product. Always read the Material Safety Data Sheet and the Technical Data Sheet for this product if available.