



**Technical Data Sheet**

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for professional use only

## **Prima 8870 Express UHS Clearcoat - VOC Compliant**

### **Product description**

Prima 8870 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.






- Prima 8870 Express ambient drying Clear coat offering greater productivity and cost saving in application by lowering energy and costs per repair.
- It reduces solvent content, saves energy costs, and makes the repair process efficient.
- Kapci Express clearcoat 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**

Prima 8870 clearcoat can be applied over


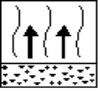


- Kapci Dima 9670 waterborne basecoat.
- Kapcibase 670/640 solvent-based basecoats.
- Properly prepared original paint in sound conditions.

### **Application**

	<b>Mixing ratio:</b> 100:50 (2:1)	100% Prima 8870 Express UHS Fast Clearcoat  50% Prima Hardener 8873 Fast																
	<b>Use mixing ruler</b>																	
	<b>Application viscosity:</b> 20-22 s (DIN4/20°C)																	
	<b>Pot life:</b> 20-25 min at 20°C																	
	<b>Spray gun tips:</b>																	
	<table border="1"><thead><tr><th></th><th>Spray Nozzle</th><th>Inlet pressure</th><th>Atomization pressure</th></tr></thead><tbody><tr><td>Compliant</td><td>1.3-1.4</td><td>2 bars (26 29 psi)</td><td></td></tr><tr><td>HVLP</td><td>1.3-1.4</td><td>2 bars (26 29 psi)</td><td>0.7bar (8-10 psi)</td></tr><tr><td>Conventional</td><td>1.3-1.4</td><td>3-3.5 bar (45-50 psi)</td><td></td></tr></tbody></table>		Spray Nozzle	Inlet pressure	Atomization pressure	Compliant	1.3-1.4	2 bars (26 29 psi)		HVLP	1.3-1.4	2 bars (26 29 psi)	0.7bar (8-10 psi)	Conventional	1.3-1.4	3-3.5 bar (45-50 psi)		
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For best overall results, refer to the spray gun manufacturer's recommendation.																		



**KAPCI**  
COATINGS

	Number of coats:	
	<b>One-coat application</b> Apply 1 normal coat. "Single-visit application".	<b>Two-coat application:</b> • Apply a fast 1/2 coat followed with 1 normal coat without flash-off time. <b>Or:</b> • Apply a fast 1/2 coat followed with 1 normal coat. Allow 5-10 min flash off time between coats.
Recommended DFT 60-70 µm		
	<b>Flash off time between coats:</b> 5-10 min	
	<b>Drying time:</b> 1.5-2 h/20°C	
	No	

### Other tips

- To ensure an optimal adhesion of base coat to the clearcoat and filler, add 10 % of MS hardener or HS hardener to the basecoat (after addition of thinner to the basecoat),
- Contrary to conventional 2K high solids clearcoats, Prima 8870 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.
- Oven can be used only to speed up dry to touch time which is 15-20 min/60°C depending on the hardener used.
- The use of IR lamp is not recommended.
- 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 Prima 8870 clearcoat.
- 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

- For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
- Observe the precautionary notices displayed on the container.
- Goggles and suitable protective equipment must be worn while using these products.
- 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.