

# TECHNICAL DATA SHEET

## IC-9906 Hyper Fast Clear



### Description

IC-9906 is a hyper fast clearcoat that is ready for polish within 90 mins, which increase the profitability and productivity to the extreme. It features excellent gloss and DOI. While having an extremely high solid content, which ensures its long lasting gloss level, it is still very easy to apply and has very good flow and leveling property. It is suitable for spot and panel repairs.



### Features

- Super-fast drying, 1.5 hours air dry at 20°C (68°F) to polish
- Suitable for spot & panel repair
- Ultra high solid level, extreme gloss and DOI

### Products

- IC-9906 Clearcoat
- IC-9709 Hardener Series

For matt finish and other application requirements:

- |                          |   |
|--------------------------|---|
| • IC-2K290 Matting Agent | For an excellent matt effect of the clearcoat surface.                      |
| • IC-360 Anti-silicon    | For preventing cratering in an individual repair.                           |
| • IC-800 Degreaser       | For removing grease, oil, wax and silicone prior to application.            |
| • IC-820 Quick Drier     | For accelerating the reaction between the resin and the hardener.           |
| • IC-350 Blending Agent  | For eliminating the color difference between the new and old paint surfaces |
| • A5 Compound Paste      | For obtaining a glossy and durable finish.                                  |

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### Preparation of substrate

IC-9905 is suitable to be applied on top of a clean and dust-free basecoat surface. Please degrease with IC-800 degreaser to wash off residues and tack thoroughly before application. The use of a rag is recommended. See TDS of basecoat for other preparations of substrate.

Product	Volume	Weight
IC-9906	100	100
IC-9609/9709/9809	25	27



#### Mixing Ratio

Note:

IC-9609 is for temperatures between 5-15°C

IC-9709 is for temperatures between 15-25°C

IC-9809 is for temperatures above 25°C

Mix well and strain before application.



#### Pot Life

30 min at 25°C



#### Spray Viscosity

14-16 s with DIN 4 cup at 25°C

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### Spray Guns

Type	Nozzle Size	Pressure	Spray Distance
HVLP Gravity-feed Spray Gun	1.2-1.3 mm	1.5-2.0 bar	10-15 cm
Compliant Gravity-feed Spray Gun	1.3-1.6 mm	3.0-4.0 bar	15-20 cm



### Number Of Coats

1 half wet + 1 wet coat



### Film Thickness

40-50  $\mu\text{m}$



### Drying Times

	20°C/68°F	60°C/140°F
Flash off	3-5 min	-
Dust Free	10 min	-
Ready for Assembly	1 hrs	-
Ready for Polish	1.5 hrs	-



### IR Drying

After dust free:  
 Step 1 - short wave: 5 mins at an 80 cm distance  
 Step 2 - medium wave: 10 mins at an 80 cm distance



### Product Specifications

Color: Transparent  
 Shelf Life: 24 months at 25°C  
 Theoretical Coverage: 250-300 m<sup>2</sup>/L at 1  $\mu\text{m}$  thickness  
 Ready to use density: 998 g/L  
 Weight of ready to use solids: 46.7 %

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### HEALTH AND SAFETY



**Please refer to Material Safety Data Sheets for full Health and Safety details and product can labels.**

- Hardeners contain isocyanate and therefore particular safety precautions must be taken.
- Goggles must be worn when mixing and using to prevent accidental splashing into the eye. If contact occurs with eyes give prolonged irrigation with water and get medical attention immediately.
- Good ventilation and extraction must be provided in the working environment.
- Wear suitable protective equipment to prevent skin contact with this material.
- When spraying this product the operator (and persons in vicinity) must wear suitable air-fed breathing apparatus.
- Do not smoke whilst using this material.

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