

### Description

IC-2020 matt clearcoat is made for the decoration and protection of automotive surfaces. It can give the car a distinctive and charming matte texture, which makes the vehicle highly individualized. It also possesses good weather and chemical resistance, maintaining stable performance under various harsh weather conditions.



### Features

- 8 hours air dry at 20°C to polish
- Uniform finish at ultra low gloss level
- Good weather and chemical resistance

### Products

- IC-2020 Clearcoat
- IC-2010 Hardener Series
- IC-950 Reducer Series

For matt finish and other application requirements:

- |                         |   |
|-------------------------|---|
| • 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.                                  |

### Preparation of substrate

IC-2020 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.



#### Mixing Ratio

Product	Volume	Weight
IC-2020	100	100
IC-2010F/2010ST/2010S	25	25
IC-940/950/960/970	20-30	18-26

#### Note:

IC-2010F/IC-940 is for temperatures between 5-15°C

IC-2010ST/IC-950 is for temperatures between 15-25°C

IC-2010S/IC-960 is for temperatures above 25°C

IC-970 is for temperatures above 35°C or when refinishing large surfaces

Please shake for 30 s before mixing, and mix well and strain before application.



#### Pot Life

2-3 hrs at 25°C



#### Spray Viscosity

14-17 s with DIN 4 cup at 25°C

## IC-2020 Matt Clearcoat



### 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	8-10 min	-
Dust Free	10-15 min	-
Ready for Assembly	6 hrs	30 min
Ready for Polish	8 hrs	60 min



### IR Drying

After dust free:

Step 1 - short wave: 5 mins at an 80 cm distance

Step 2 - medium wave: 20 mins at an 80 cm distance



### Product Specifications

Color: Transparent

Shelf Life: 24 months at 25°C

Theoretical Coverage: 250-300  $\text{m}^2/\text{L}$  at 1  $\mu\text{m}$  thickness

Ready to use density: 944 g/L

Weight of ready to use solids: 30.6 %

# TECHNICAL DATA SHEET

## IC-2020 Matt Clearcoat

### 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.

The products are suitable for professional use only. The data contained in this publication are based on our current knowledge and experience. The Information is given for information purposes only and we are not liable for its correctness, accuracy and completeness. The intellectual property in this document, including patents, trademarks and copyrights, is protected. All rights reserved. Published technical data and instructions are subject to change without prior notice. All rules set forth in this clause shall apply accordingly for any future changes and amendments. You can obtain the latest version of technical data sheet from our website at [www.wonder-global.com](http://www.wonder-global.com) or directly from your supplier.

**Revised: September 2024**