

TECHNICAL DATA SHEET

IC-208 Super Gloss Clear



Description

IC-208 is a clearcoat with good flow in application and delivers a glossy finish. This product can be both air dried and baked, which can help improve efficiency. It also possesses good weather resistance, which maintains the glossiness for a considerable period of time.

Features

- 8 hours air dry at 20°C to Polish
- Suitable for overall repair
- Long lasting glossiness
- Good weather resistance



Products

- IC-208 Clearcoat
- IC-750 Hardener Series
- IC-564 Reducer 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. |

Preparation of substrate

IC-208 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-208	100	100
IC-650/750/850	50	49
IC-564F/564ST/564S/564EXS	5-10	5-10

Note:

IC-650/IC-564F is for temperatures between 5-15°C

IC-750/IC-564ST is for temperatures between 15-25°C

IC-850/IC-564S is for temperatures above 25°C

IC-564EXS is for temperatures above 35°C or when refinishing large surfaces

Mix well and strain before application.



Pot Life

3-4 hrs at 25°C



Spray Viscosity

14-17 s with DIN 4 cup at 25°C



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

2 wet coats



Film Thickness

40-50 μm



Drying Times

	20°C/68°F	60°C/140°F
Flash off	8-10 min	-
Dust Free	20-30 min	-
Ready for Assembly	6 hrs	30 min
Ready for Polish	8-10 hrs	1 hr



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 20°C
 Theoretical Coverage: 250-300 m^2/L at 1 μm thickness
 Ready to use density: 968 g/L
 Weight of ready to use solids: 37.6 %

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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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