

Description

The mixing system Unimix 40 is intended for the repair of all types of car brands and covers the entire range of color shades (solid, pearlescent, iridescent and tinted metallic toners as well as xirallic). The base coat prepared in the Unimix 40 mixing system is suitable for the repair of passenger and commercial vehicles, transport vehicles and motorcycles.

Characteristics

- highly pigmented system
- easy to blend-in
- minimal paint consumption
- outstanding color match

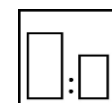
Surface preparation



- Bare sheet metal, galvanized and aluminum surfaces: pre-protect with a suitable primer (7220) or (7100).
- New parts: apply appropriate primer (7100).
- Old coatings: suitable for all 1K and 2K base materials. Sand the repair area with P320-P800 dry or P800-P1000 wet.
- Plastic parts: use a suitable primer (7025, 7014, 7015) or adhesion additive (7035).


Clean the surface beforehand with an anti-silicone degreaser (9515). Remove all sanding residues with compressed air and clean with an anti-silicone degreaser. Before applying the basecoat, the surface must be wiped with an anti-dust cloth (2210).

Mixing ratio



	Mixing ratio (75%)	Temperature
Thinner:	7055	15- 25 °C

Application

	Gun setup:	Spray nozzle	Spray pressure	
	Compliant	1,2 – 1,4 mm	2 – 2,5 bar	inlet pressure
	HVLP	1,3 – 1,4 mm	0,7 bar	atomisation pressure
	Number of coats:	1,5 - 2 coats to coverage. For metallic, pearl and xirralic paints apply another drop coat with reduced inlet pressure and increased distance.		

Blend-in process


SURFACE PREPERATION

1. Clean and sand the repair area with P500 (dry) or P1000 (wet).
2. Degrease the surface and remove debris with an anti-dust cloth

BLEND-IN

1. Apply 1,5 – 2 coats or until coverage.
2. Thinn to 150% (Thinner: 7055).
3. Reduce the inlet pressure (1,1 - 1,5 bar).
4. With reduced inlet pressure and increased distance, apply a light drop coat until the whole surface archieves a unified matt look.
5. Before applying the topcoat, wipe off the redundant color mist with an anti-dust cloth.

Flash off and dry time

	Flash off:	5 min (until matt)
	Dry time (20°C/68°F):	Until the surface archieves a unified matt look
	Potlife (20°C/68°F):	/
	Coverage	8 – 12 µm per coat

Topcoat

Apply 2K clear coat.

Technical information

Theoretical coverage:	8 – 10 m ² /L at 25 µm dry thickness
Solids content:	21% – 39.0% by weight
Specific gravity:	0.93 – 1.17 kg/cm ³
Flash point:	23 °C (73,4 °F)

Tool cleaning

After use, thoroughly clean the tool with suitable dedicated cleaners. After cleaning, it is necessary to properly blow the paint gun with compressed air until it is completely dry.

Health and safety

For health and safety measures, follow the relevant safety data sheet and label on the packaging. Also follow the storage instructions.

Additional information

FOR PROFESSIONAL USE ONLY!

Always read the instructions.

IMPORTANT: This product contains hazardous substances at work so it is necessary to always use/wear appropriate protective equipment. For further instructions, check the label on the product and safety data sheet. A person who uses the product for any purpose other than recommended in this technical data sheet, acts at his own risk. It is the user's responsibility to take all necessary steps to fulfill the local legislation.

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public.

Information and methods described are based on the best information and practices known to us and serve merely as guidelines for optimal use, without liability to performance, results, or fitness for any intended use. We do not accept any responsibility for the behaviour of the product or damage arising from the use of the product. Before using the product, the user must check if this is the latest version.

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Color code breakdown

