

Tips for colour matching

Checking the colour

To do a good repair job, it is sometimes necessary to match the colour by tinting, blending in, or polishing the old paintwork.

Therefore, careful comparison between the new paint and the original finish is essential. Any variation in colour must be modified before application. The mixing formula shown on the microfiche can assist in this. You should use only the mixing bases contained in the mixing formula for tinting, or the reduced bases indicated in the tinting guide.

An adequate colour comparison can only be carried out on a sprayed (not hand-painted) dry paint film (including the clear coat in the case of metallic finishes) and must be done in daylight, or under a daylight lamp. 22 Line HS 2K topcoat can be compared already after a few minutes drying.

With metallic colours, the spray-out (sample) as well as the actual spraying should be done by the same person.

Due to weathering, age and washing, almost all paint finishes are subject to changes in appearance and colour. This is caused by the absorption of dirt or by external influences (temperature, humidity, UV radiation, acid rain etc.). These effects can in most cases be removed by polishing.

Repairing basecoats is more difficult as the colour and the brightness of the metallic effect strongly depend on the application method used.

1. On the diameter of the spray gun nozzle and the spraying pressure.

With a small nozzle and high spraying pressure, the atomisation is finer. This produces a lighter colour.

2. On the reducer and the spraying viscosity.

With a rather fast reducer, the silver effect achieved is usually more brilliant than that obtained with a rather slow reducer. The higher the viscosity, the coarser the spray pattern, which increases the risk of clouding.

3. On the spraying method.

When you spray rather dry, or apply a dust coat, this makes the colour lighter and more metallic. When you spray rather wet, the colour appears fuller and darker. Within these variants, you find the full range of nuances as regards metallic effect and colour.

4. On the distance of the spray gun from the object to be painted.

A short distance between the spray gun and the object being painted produces a rather wet film and a rather dark and chromatic shade. A wider distance results in a drier film and a lighter and more metallic colour.

Colour alterations

It may happen that OEM colours are slightly altered for technical or styling reasons, without the colour code and/or name being changed. Furthermore, production-related colour fluctuations can occur (for example with paints from different production plants or of different quality etc.).

Safety advice:

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.

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Notes on (mixing formulas of) colour variants

The table below provides an outline of how the mixing formulas of (darker, lighter, bluer, redder etc.) colour variants or (coarser, finer) effect variants are marked.

Mark	Characteristic
/ 20	coarser
/ 30	finer
/ 40	darker
/50	bluer
/60	yellower
/70	greener
/80	redder
/90	lighter
/0A	less chromatic, dirtier
/0B	purier

You will also find mixing formulas with combined variant marks such as:

/ 48	darker and redder
/7B	greener and purer
/62	yellower and coarser

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Tips for colour matching

Tinting Guide Glasurit® 22 Line HS 2K Topcoat

Colour Group	more violett	bluer	greener	yellower	more orange	redder	
white		A 131	A 168	A 105	A 172	M 6	
grey	A 127	M 31 M 52 M 63	M 68 M 96	M 5 M 40 M 146	M 43 M M 201	M 38	M 6
violett		M 31 M 52					A 346 M 55
blue	A 127		M 68 M 96	M 5 M 43 M 146	M 40 M 77		M 6 M 55
green		M 52 M 63		M 5 M 43 M 146	M 40 M 77	M 201	
yellow		A 131	A 168		A 172 M 201		M 6
beige	M 30	A 131	A 168	M 5 M 43 M 146	M 40 M 77	A 172 M 38 M 201	M 6
orange				M 5 M 43 M 146	M 40 M 77		A 346 M 6 M 326
bordeaux	A 127 M 30	M 31		M 5 M 39 M 43		M 38 M 201	A 346 M 6 M 326
red	M 30	A 131		M 5 M 43 M 146	M 40 M 77	M 38 M 201	

lighter	dirtyer
Please use white bases only	Please use black bases only

* Please use the bases from the corresponding mixing formula

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Tips for colour matching

Tinting Guide Glasurit® 55 Line Basecoat

Colour Group	more violett		bluer		greener		yellower		more orange		redder		darker	
violett			A 531 A 552	A 531 A 552							A 352 A 353	A 352 A 353	A 427 A 430	A 353 A 430
silver	A 427	A 353	A 531 A 548 A 552 A 555	A 531 A 548 A 552 A 555	A 696	A 640	A 136 A 335	M 105 M 146 A 335	A 372	M 201	A 347 A 350 A 352	M 306 A 347 A 350 A 352	A 929 A 974	A 929 A 974
blue	A 427 A 430	A 353 A 430			A 696	A 640	A 136 A 335	M 105 M 146 A 335			A 347	M 306 M 347	A 531 A 548 A 552 A 555	A 531 A 548 A 552 A 555
green			A 548 A 522 A 555	A 548 A 552 A 555			A 136 A 143 M 177	M 105 A 143 M 146 M 177	A 335	M 306 A 335			A 696	A 640
yellow					A 696 M 177	A 640 M 177			A 372	M 201	A 372	M 306 A 324	A 136 A 143	A 143
orange							A 136 A 143	M 105 A 143			A 347 A 350 A 352	A 324 A 347 A 350 A 352	A 372	M 201 M 306
bordeaux					A 696	A 640	A 136 A 143 A 335	M 105 A 143 A 335 M 146	A 372	M 201 M 306	A 347	A 324 A 347	A 929 A 974	A 929 A 974
red	A 430	A 353 A 430					A 136 A 143 A 335	M 105 A 143 A 335	A 350 A 372	M 201 A 350			A 347 A 352	A 347 A 352

	lighter	dirty
face view	Please use aluminiums only	Please use black bases only
side view	Please use white bases only	Please use black bases only

* Please use the bases from the corresponding mixing formula.

* To be used in solid-colour basecoats only

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Tips for colour matching

Tinting Guide Glasurit® 90 Line Basecoat

Colour Group	more violett		bluer		greener		yellower		more orange		redder		darker	
violett			A 531 A 589	A 531 A 589							A 352 A 352 A 359	A 427 A 430	A 359 A 430	
silver	A 427	A 359	A 503 A 531 A 563 A 589	A 503 A 531 A 563 A 589	A 696	A 640	A 136 A 335	A 105 A 148 A 329	A 372	A 201	A 347 A 378 A 352	A 306 A 347 A 378 A 352	A 926 A 997	A 926 A 997
blue	A 427 A 430	A 359 A 430			A 696	A 640	A 136 A 329	A 105 A 148 A 329			A 347	A 306 A 347	A 503 A 531 A 563 A 589	A 503 A 531 A 563 A 589
green			A 503 A 563 A 589	A 503 A 563 A 589			A 136 A 143 M 115	A 105 A 143 A 148 A 115	A 329	A 306 A 329			A 696	A 640
yellow					A 696 A 115	A 640 A 115			A 372	A 201	A 372	A 306 A 323	A 136 A 143	A 143
orange							A 136 A 143	A 105 A 143			A 347 A 378 A 352	A 323 A 347 A 378 A 352	A 372	A 201 A 306
bordeaux					A 696	A 640	A 136 A 143 A 329	A 105 A 143 A 329 A 148	A 372	A 201 A 306	A 347 A 323 A 347	A 926 A 997	A 926 A 997	
red	A 430	A 359 A 430					A 136 A 143 A 329	A 105 A 143 A 329	A 378 A 372	A 201 A 378			A 347 A 352	A 347 A 352

	lighter	dirty
face view	Please use aluminiums only.	Please use black bases only
side view	Please use white bases only	Please use black bases only

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