



**Manufacturer paintwork for Mercedes-Benz, issued
February 2026**



- 1. Paint types – paint level classifications**
- 2. Preparation times**
- 3. Material calculation**
- 4. Colour matching**
- 5. Multifunctional base coat / triple-layer paint**
- 6. Miscellaneous**
- 7. Additional work**

1. Paint types – paint level classifications

- Single-layer paintwork (LCV/HGV) → DAT-Paint type 05
- Double-layer paintwork → DAT-Paint type 09,12
- Double-layer paintwork with scratch-resistant clear coat → DAT-Paint type 50,51
- Double-layer paintwork with multifunctional base coat → DAT-Paint type 55,56
- Triple-layer paintwork → DAT-Paint type 55,56

Paintwork / paint level classification

Type of part	Paint level		Paintwork type
	DAT	Manufacturer	
Assembly part	1	Level 2	Surface / topcoat
Welded part (exterior)	1	Level 2	Surface / topcoat
Welded part (interior)	1	Level 1-J	Surface / topcoat
Assembly part	2, 3	Level 3	Repair
Welded part (exterior)	2, 3	Level 3	Repair
Welded part (interior)	2, 3	Level 1-J	Repair
Assembly part	4	Level 1-M	New part
Welded part (exterior)	4	Level 1-E	New part
Welded part (interior)	4	Level 1-J	New part

2. Preparation times

Mercedes-Benz specifies separate preparation times depending on the number of parts being painted, their material, the paint type and whether they are painted when installed or uninstalled. There are also additional preparation times for painting non-adjacent areas, covering openings in the bodywork (door openings, luggage compartment) and windows, and for painting non-metal materials.

From construction model 203, there are flat-rate preparation times that are not linked to quantity for disassembled parts, installed parts and disassembled parts in combination with installed bodywork parts. There are also preparation times for plastic parts on their own or in combination with (metal) bodywork parts. Contour masking work is no longer specified separately. This is included in the work times for the painting.

From construction model 218, 172, 204-Coupe, only the single highest preparation time incurred for each order is applied. Combined preparation for joining disassembled to installed parts and plastic to metal parts is no longer used. Paint level 3 (DAT 2 and 3) has been reassessed with regard to the filling area. The filler area is a maximum of 10% of the total area. If the filler area exceeds this value, the following labour item is to be applied and manually evaluated: 98-9914 repair body area with filler, dm²... This can be selected in the additional positions.

3. Material calculation

The material calculation according to manufacturer is based on the area. The system also contains cost rates of € per DM2 (square decimetre) depending on the type of paint and the paint level. These cost rates are average values and can be overwritten by the user in the customer's vehicle repair application (procedure-related data). Alternative material calculations (percentage of wage, flat rate) are of course also possible.

Material prices per dm² (as at February 2026)

Paint Level	Paint Level	Single-layer	Double-layer	Double-layer	Double-layer	Triple-layer
Mercedes	DAT	2-K-uni	uni/metallic	Scratch-resistant clear coat	Multifunktional-base coat	Multifunktional-base coat
ST.2	1	€ 0,92	€ 1,47	€ 1,69	€ 1,81	€ 1,81
ST.3	2,3	€ 1,43	€ 1,93	€ 2,26	€ 2,42	€ 2,42
ST.1-M	4	€ 1,49	€ 2,43	€ 2,72	€ 2,93	€ 2,93
ST.1-E	4	€ 1,39	€ 1,82	€ 2,26	€ 2,38	€ 2,38
ST.1-J	4	€ 0,50	€ 0,78	€ 0,87	€ 0,97	€ 0,97

Material constants price per order (as at February 2026)

Material constants	Price in €
K1 = installed part	79,57
K2 = disassembled parts	64,17
K3 = plastic parts	46,57
K4 = scratch-resistant / multifunktional	92,94

4. Colour matching

The 'colour test panel' and 'colour mixing system' positions are to be specified separately if necessary.

From model 218, 172, 204-Coupe, the work for the mixing system is included in the preparation time.

5. Multifunktional base coat / triple-layer paint

In 2011, Mercedes introduced a new price group for paint material calculation. It was given the name Standoblue and is a product from Standox. As other paint manufacturers have also introduced comparable products on the market, which are approved by Mercedes (Sikkens, Glasurit, PPG etc.), Mercedes decided to call this new price group a multifunktional base coat, rather than Standoblue. This was associated with the message that this new price group now also represents an appropriate material for three-layer paintwork.

This means the following for calculations by manufacturer paint in combination with material calculation according to manufacturer specification: If double-layer paintwork is being calculated, the user can either select the 'scratch-resistant' or 'multifunktional' paint type, depending on which

product the paint shop is working with. If triple-layer paintwork is being calculated, the user must select the 'multifunctional' paint type. The additional time required is taken into account via a surcharge of 20 %. If a matt lacquer is to be calculated, the additional work must be entered via the additional item 'Additional work for special finish (3-layer/matt paintwork)'.

6. Miscellaneous

The work time for painting welded-on new parts includes painting the connection points on the adjacent parts.

7. Additional work

The following additional work for painting can be selected as an option:

Nur erfasste Positionen

Filter ▼

✕

	DVN	RC	Benennung
	23	L	Fzg. zur Angleichung der Lackierung polieren
	29	A	Anbauteile zur Lackierung a+a
	9614	L	ausgebaute Karosserieteile abdecken
	9615	L	Klebefläche Frontscheibe abdecken
	9616	L	Klebefläche Heckscheibe abdecken
	9617	L	Klebefläche Seitenfenster l. abdecken
	9618	L	Klebefläche Seitenfenster r. abdecken
	9619	L	Teile vor Lackierung Fett + Wachs entfernen
	9622	L	Sicherheitsmaßnahmen vor Ofentrocknung
	9668	L	Karosserie - Fläche mit Ziehspachtel, qdm inst.
	9670	L	Mehraufwand für Sonderlackierung (3-Schicht - / Mattlackierung)
	9671	L	Anbauteile zur Vorbereitung für Lackierung reinigen
	9672	L	Lackaufbau qdm ern.
	67690	A	Laufäder auf Lackieräder ummontieren
	90590	L	Reinigung außen für Lackierung