



Manufacturer paintwork for Opel, issued January 2018
Chapter 1 – Opel old (GM)



- 1. Paint types – paint level classifications**
- 2. Preparation times**
- 3. Delivered condition**
- 4. Material calculation**
- 5. Colour matching**
- 6. Triple-layer paint**
- 7. Miscellaneous**

1. Paint types – paint level classifications

- Single-layer paintwork (LCV) → DAT-Paint type 05
- Double-layer paintwork → DAT-Paint type 09,12,15
- Triple-layer paintwork → DAT-Paint type 32

Type of part	Paint level		Paintwork type
	DAT	Manufacturer	
Assembly part / weld part	1	Level II	Surface / topcoat
Assembly part / weld part	2, 3	Level III	Repair
Assembly part / weld part	4	Level I	New part

2. Preparation times

The Opel system does not recognise separate preparation times. The parts to be painted are assigned to main and bundled labour, where the bundled labour may have different labour time units depending on whether or not the parts are adjacent to each other. Each painting order can only have one main labour task; all other tasks are then bundled labour. The main labour includes the preparation time for the order and is shown in the DAT system as the first position in the 'Paintwork' block. The relevant main labour is determined according to the paint levels in the paint order with the hierarchy: new part paintwork - repair paintwork - surface paintwork. If there are several occurrences of the same paint level, the position with the highest labour time unit is the main labour.

The calculation method for painting costs changed for current vehicles with the introduction of the GLC (Global Labour Code) on 02/06/2014. The labour items are no longer divided according to main labour and bundled labour; instead there is one preparation time per order for the individual painting positions. This applies for the Adam, Agila-B, Ampera, Antara, Astra-H, Astra-J, Cascada, Combo-D, Corsa-D, Insignia, Meriva-B, Mokka, Movano-B, Vivaro, Zafira-B, Zafira-C models and all subsequent models.

3. Delivered condition

The foundation and starting point for calculating the work time for painting is a paintable surface. A surface is considered paintable when:

- Dented or welded-in panels have been repaired with the correct contours,
- Welded and soldered joints, overlapping seams for replaced parts and filler areas have been sanded with grade P80 to 120 paper, and
- The painter can repair the surface being painted with four applications of fine filler for welded parts, or three applications of fine filler for screwed parts.

4. Material calculation

The material calculation according to manufacturer is based on the work time. The system also contains cost rates of € per 0.1 h 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 screen). Alternative material calculations (percentage of wage, lump sum) are of course also possible.

Layers	Single-layer	Double-layer	Double-layer	Double-layer	Triple-layer
Colour type	uni	uni	metallic	pearl	uni/metallic/pearl
Price / 0.1 h	€1.79	€2.48	€2.40	€2.51	€3.01

5. Colour matching

The specified work times for painting work include all work required for flawless paintwork.

This includes:

- Finding the shade
- Mixing the colour with the colour mixing bench
- Spraying the colour test panel
- Adjusting the shade

6. Triple-layer paint

The calculation for triple-layer paint is based on double-layer paint, with a 20% supplement for time and materials.

7. Miscellaneous

The work time for full painting of welded-on new parts includes also painting the connection points on the adjacent parts where there are no structural boundaries.

Chapter 2 – Opel new (PSA)

1. Paint types – paint level classifications
2. Preparation times
3. Material calculation
4. Colour matching
5. Triple-layer/four-layer paint
6. Miscellaneous
7. Additional work

1. Paint types – paint level classifications

- Double-layer paintwork → DAT-Paint type 09,12,15
- Triple-layer paintwork → DAT-Paint type 32
- Four-layer paintwork → DAT-Paint type 40

Type of part	Paint level		Paintwork type
	DAT	Manufacturer	
Assembly part / weld part	1	Level 3	Surface / topcoat
Assembly part / weld part	2	Level 2	Repair < 20% of the area
Assembly part / weld part	3	Level 1	Repair > 20% of the area
Assembly part, installed / weld part	4	Level 1	New part
Assembly part, removed	4	Level 0	New part

2. Preparation times

OPEL (PSA) specifies separate preparation times depending on the paint type (two, three or four layers). The specified times relate to painting a single part. The following deductions are made for painting of multiple adjacent parts:

For - 2 - adjacent parts: 15%

For - 3 - adjacent parts: 20%

For - 4 - or more adjacent parts: 25%

The deductions relate to the component-specific times, not the preparation time.

3. Material calculation

The material calculation according to manufacturer is based on the work time. The system also contains cost rates of € per 0.1 h 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 screen). Alternative material calculations (percentage of wage, lump sum) are of course also possible.

Layers	Single-layer	Double-layer	Double-layer	Double-layer	Triple-layer
Colour type	uni	uni	metallic	pearl	uni/metallic/pearl
Price / 0.1 h	€1.79	€2.48	€2.40	€2.51	€3.01

4. Colour matching

The 'colour test panel' and 'colour mixing system' positions are included in the lump sum (preparation time).

5. Triple-layer/four-layer paint

OPEL (PSA) uses its own labour position numbers, work times and preparation times for components with triple-layer/four-layer paintwork

6. Miscellaneous

The work time for full painting of welded-on new parts includes also painting the connection points on the adjacent parts where there are no structural boundaries.

7. Additional work

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

In the procedure-related data:

Surcharge for second colour