

# TEST PROJECT DOCUMENT CAR PAINTING

WSC2017\_TP36\_EN\_pre

Submitted by:

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## CONTENTS

This Test Project proposal consists of the following documentation/files:

1. WSC2015\_TP36\_pre\_EN.doc task specification

## DESCRIPTION OF PROJECT AND TASKS

The Test project uses three car panels and one non-steel panel. One of the car panels is pre painted at the manufacturing factory.

TEAM LEADER	MODULE DESCRIPTION	
Module A	Blend pre-painted left wing-mix and match colour	2.0 hrs
Module B	Masking of car and pre-painted plastic part	2.0 hrs
Module C	Standard application inside and outside right door	4.0 hrs
Module D	Wet on wet right wing (three layer)	2.0 hrs
Module E	Colour matching	2.0 hrs
Module F	Design on pre-painted door	4.0 hrs
		16.0 hrs

COLOUR DESCRIPTION.... ALL COLOURS QUANTITIES ARE RFU!		
Colour – 2 Stage Colour – 2 Stage	Inside right door	<b>Code:</b> Volkswagen – LY9G, Casablanca Weiss – Variant 60: yellower
	Outside right door	<b>Code:</b> Peugeot – KQS, Vert Watteau Met – Variant : Standard
Colour - 3Stage	Wet on wet right wing	<b>Code:</b> Mazda 41V, Sould Red Met -Official Service formula release ( <a href="http://www.glasurit.com">www.glasurit.com</a> )
Colour - No paint	Non-steel panel	<b>Code:</b> Mercedes Benz – 775, Iridium Silver Met – Variant 60: yellower
Colour- 2 Stage	Spot repair left wing <b>Pre- painted</b>	<b>Code:</b> Fiat – 369/B, Blu Podio Pearl – Variant : Standard
Colour – Per design	Left door for design <b>Pre-painted background</b>	<b>Background code:</b> Volvo – 489, Matt Gold Met <b>Design codes:</b> Pantone 186C Pantone 348C Pantone C (black) RAL 9016



PANELS DESCRIPTION	
Panel # 1	Pre-painted left door
Panel # 2	OEM replacement right door
Panel # 3	Pre-painted left wing
Panel # 4	OEM replacement right wing
Panel # 5	Front bumper

There will be an introduction 5-10 minutes before each module

### PLEASE TAKE NOTE OF THESE SYMBOLS



You must stop and have your work judged



Turn in spray out sample

## INSTRUCTIONS TO THE COMPETITOR

### MODULE A: 2-LAYER - BLEND PRE-PAINTED PANEL –USING PRE- MIXED PAINT.

TIME ALLOWED 2 .0 HRS

APPLY COLOUR. COLOUR ON THE  
FENDER IS AN OFF COLOUR FROM A  
COLOUR SWATCH VARIANT. YOU WILL  
BE SUPPLIED WITH PREMIXED PAINT

Prep panel for blending - (Panel # 3)

- Repair scratch and apply UV primer
- Prep for base



Apply basecoat and clearcoat

- You must limit the extent of the clear coat to the boundary indicated in the drawing CP3

- Once the spot repair has been marked/scored you can polish the repair



**Note: The panels must be painted and dried in a vertical position**







**MODULE B: MASKING  
/FEATHEREDGE, PRIME AND BLOCK.  
THE TIME ALLOTTED FOR BOTH  
TASK.  
(PANEL#5 FOR PLASTIC REPAIR)**

TIME ALLOWED 2.0 HRS

• Masking side of vehicle/car/and jambs	
• Expert will evaluate masking outline	
<b>Plastic part</b>	
• Repair scratch in paint	
• Apply primer filler	
• Prep for paint	

**MODULE C: STANDARD APPLICATION,  
INSIDE AND OUTSIDE DOOR**

TIME ALLOWED 4.0 HRS

• Use the OEM replacement door (Panel # 2)	
• Prepare damaged area for polyester filler	
• Apply polyester filler to damaged area	
• Prepare filler and outside of door for primer filler (must use primer filler)	
• Prep inside door per technical standards (your choice of primer)	
• Prepare for base	
• Apply base and clear	
• Clear to given sample for proper amount of texture	
<b>Note: The panels must be painted in a vertical position</b>	



## MODULE D: WET ON WET RIGHT WING (THREE LAYER)

TIME ALLOWED 2.0HRS

- Using (Panel # 4)
- Prep panel
- Apply wet-on-wet primer
- Match to given colour sample
- Apply using the three-layer system

**Note: The panels must be painted in a vertical position**



## MODULE E: COLOUR MIXING

TIME ALLOWED  
2.0 HRS

- Using supplied colour sample- mix from scratch #1
- Make colour to match the given sample
- Using colour sample number #2
- Adjust colour to match given sample.
- After completing colour adjustment turn in the sample colours applied to spray out card that you would like to have evaluated



**Note: You cannot use the scales or computers for this process**

## MODULE F: DESIGN ON PRE-PAINTED LEFT DOOR (PANEL # 11)

TIME ALLOWED 4.0 HRS

- Use the pre-painted left front door to lay out the design shown in given drawing
- Prepare surface for paint application
- Paint the design in the colours shown
- Apply clear – **do not polish**
- The decal/sticker supplied must be applied to the door as per drawing

**Note: The panels must be painted in a vertical position**

