



# Technical Data Sheet

**Y0105**

July 2019

**INTERNATIONAL MASTER  
FOR PROFESSIONAL USE ONLY**

## TURBO VISION® Texture Finish Topcoat

Product	Description
P650-1000	Premium High Flow Binder
P650-6000	Matt Binder
P600-9xxx	Coloured Tinters
P210-7644	EHS Hardener - Standard
P852-6444	EHS Thinner - Medium
P565-7210	Fine Texturing Base
P565-7220	Coarse Texturing Base

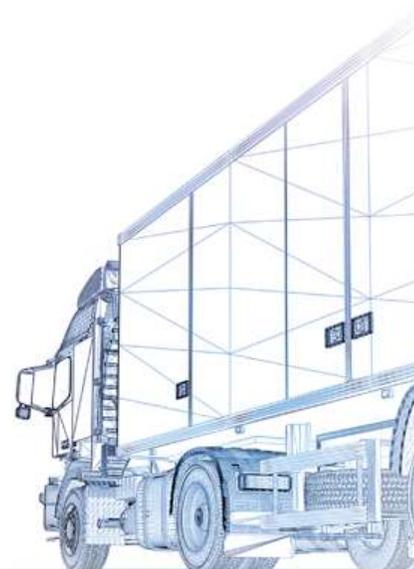
### Product Description

Fine and Coarse Texturing Bases are dedicated to provide a texture semi-matt finish to *Turbo Vision* Topcoat.

Some parts in the Commercial Transportation environment need to get a texturised finish from the finest to the coarsest, P565-7210 and P565-7220 deliver this aesthetic effect; keep all the other performances of the topcoat.

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# TURBO VISION®

## Substrates and Preparation

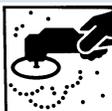
### Prepare the Substrate as follows:

#### Substrates:

- Original finishes and work in sound condition need to be degreased, cleaned and dry sanded with P320-P400 or (P600 wet) prior to topcoat application.

- Steel, Aluminum, GRP & Zinc coated steel need to be pre-primed with the appropriate primer in order to ensure correct intercoat adhesion and substrate protection.

- TURBO VISION® Premium High Flow EHS Topcoat is suitable over all Nexa Autocolor primers, surfacers and sealers.



### Cleaning:

The substrate to be painted must be dry, clean, free of corrosion, grease & mould release agents.

Substrates need to be thoroughly wiped using the appropriate degreaser (P850-1367 Degreaser & P850-1378 Spirit Wipe or P980-9010 low V.O.C cleaner)



## Process

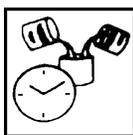
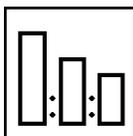
### Conventional or Pressure Pot Application

#### FINE TEXTURE FINISH Mixing Ratio:

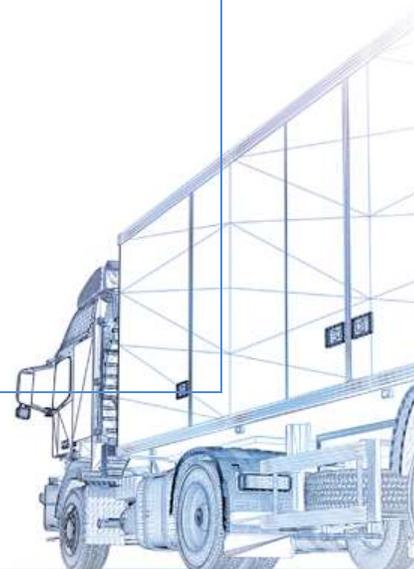
By Volume	By Weight	Content by weight
3	12	P650-1000 High Flow Binder
	58	P650-6000 Matt Binder
	30	P600-9xxx Coloured Tinters
1	30	P210-7644 EHS Hardener – Standard
2	40	P852-6444 EHS Thinner – Medium
1.5	40	P565-7210 Fine Texturing Base

#### COARSE TEXTURE FINISH Mixing Ratio:

By Volume	By Weight	Content by weight
3	12	P650-1000 High Flow Binder
	58	P650-6000 Matt Binder
	30	P600-9xxx Coloured Tinters
1	30	P210-7644 EHS Hardener – Standard
2	40	P852-6444 EHS Thinner – Medium
1.5	40	P565-7220 Coarse Texturing Base



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# TURBO VISION®

Process	
<b>Conventional or Pressure pot application</b>	
	Spray Viscosity at 20°C: 18-22 seconds DIN4
	1.3-1.5 mm Gravity or suction feed at 2.0-2.4 bars
	OR 0,8-1mm Pressure Pot Air Cap Pressure: 0.68 bar Paint Pressure : 0.3-1.0 bar Fluid flow rate: 280-320 cc/min
	<b>Number of Coats</b>  <u>2 coats:</u>  1 Medium closed + 1 medium closed
Dry Film Thickness:	50 – 70 µm
	<u>2 coats:</u>  Flash-Off between coats: 10 minutes Flash-Off before bake: 10 minutes

## Colour

### COLOUR MIXING

All Tinters should be thoroughly hand stirred when first opened, and then stirred on a mixing machine for 10 minutes before use. Thereafter all tinters should be machine stirred twice a day for at least 10 minutes.

### COLOUR CHECKING

As with all refinish paint systems, a colour check should be carried out before painting the vehicle.

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## General Process Notes

### COVERAGE

Approximately 12 to 14m<sup>2</sup> (to be calculated accurately) per litre of ready for use paint at a dry film thickness of 50 microns depending on thinning ratio used.

### OTHER POINTS TO NOTE

Allow finishes to harden thoroughly before subjecting to vehicle washes. This can take a number of weeks if vehicles are air-dried in cold conditions and/or paint film thickness is excessively high.

### VOC INFORMATION

The EU limit value for TURBO VISION® Premium Texture Finish Topcoat (product category: IIB.e) in ready to use form is max. 840g/litre of VOC. The VOC content of this product in ready to use form is max. 840g/litre.

**These products are for professional use only**, and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose. For Health and Safety information please refer to the material Safety Data Sheet, also available at: [http://www.ppg.com/Autocolor\\_MSDS](http://www.ppg.com/Autocolor_MSDS)

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