

# TURBO VISION<sup>®</sup>

## Technical Data Sheet

## V1010V

October 2020

INTERNATIONAL MASTER  
FOR PROFESSIONAL USE ONLY

TURBO VISION <sup>®</sup> High Build Topcoat	
Product	Description
P650-1010	Premium High Build Binder
P600-9xxx	Coloured Tinters
P210-7644	EHS Hardener - Standard
P210-7642	EHS Hardener - Slow
P852-6440	EHS Thinner - Extra Slow
P852-6442	EHS Thinner - Slow
P852-6444	EHS Thinner - Medium
P852-6446	EHS Thinner - Fast
P852-6448	EHS Thinner - Extra Fast

### Product Description

*Turbo Vision* High Build Topcoat is dedicated for Commercial Transportation Vehicles mainly dedicated for builders.

*Turbo Vision* High Build Topcoat is an easy to spray topcoat providing good opacity, high gloss and general appearance which meets the standards demanded by the builder and fleet market.

Thanks to the binder formulation, *Turbo Vision* High Build Topcoat:

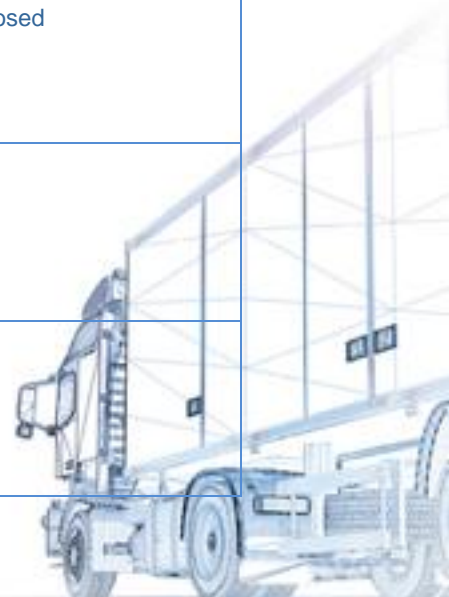
- covers complex parts of vehicles like rivets, screws, weldings and edges
- can be used from small to large area
- can be sprayed across a large range of temperature conditions
- delivers very high opacity
- provides high sag resistance on overlaps and difficult areas to recoat





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Process										
	Conventional or Pressure Pot									
	Spray Viscosity at 20°C: 24-28 seconds DIN4									
	Potlife @20°C: 2-3 hours									
	<p>1,4-1,5 mm Gravity or suction feed at 2.0-2,5 bars</p> <p>OR</p> <p>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</p> <p>OR</p> <p>Tip Size: 9 to 11 Thou (0,23 to 0,28 mm) for Air Assisted Airless Paint Pressure: 90-110 bars Air Atomization: 2,5-3 bars</p>									
	<p align="center"><b>Number of Coats</b></p> <table border="0"> <tr> <td></td> <td><u>1 Visit:</u></td> <td><u>2 coats:</u></td> </tr> <tr> <td></td> <td>1 light coat + 1 Full coat</td> <td>1 Medium closed + 1 Full coat</td> </tr> <tr> <td>Dry Film Thickness:</td> <td>50 – 60 µm</td> <td>60 – 90 µm</td> </tr> </table>		<u>1 Visit:</u>	<u>2 coats:</u>		1 light coat + 1 Full coat	1 Medium closed + 1 Full coat	Dry Film Thickness:	50 – 60 µm	60 – 90 µm
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## Colour and Gloss

### COLOUR MIXING and TINTING

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.

## General Process Notes

### DECAL APPLICATION

It is recommended that TURBO VISION® High Build Ready Mix Topcoat is allowed to cure for at least one week prior to any decal application.

### COVERAGE

Approximately 8 to 10 m<sup>2</sup> per litre of ready for use paint at a dry film thickness of 70 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.

### STORAGE

#### Mixing Room Temperature:

Store P600-xxxx Tinters and P651-xxx products in the Mixing Room between the following temperatures: 18 to 25°C.

#### Storage Temperature:

Store P600-xxxx Tinters and P650-xxx products between the following temperatures: 5 to 35°C (41 to 95°F).

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

Use appropriate containment to avoid environmental contamination. Always refer to the material Safety Data Sheet.



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## VOC INFORMATION

The EU limit value for this product (product category: IIB.d) in ready to use form is max. 420g/litre of VOC. The VOC content of this product in ready to use form is max. 420g/litre. Depending on the chosen mode of use, the actual ready to use VOC of this product may be lower than that specified by the EU Directive code.

**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)

### For further information please contact:

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