

# TURBO VISION®



## Technical Data Sheet

**Y0104V**

October 2017

**INTERNATIONAL MASTER  
FOR PROFESSIONAL USE ONLY**

### TURBO VISION® Multistripe Process

<i>Product</i>	<i>Description</i>
<i>P650-1000</i>	<i>Premium EHS High Flow Binder</i>
<i>P600-9xxx</i>	<i>Coloured Tinters</i>
<i>P210-7644</i>	<i>EHS Hardener - Standard</i>
<i>P852-6448</i>	<i>EHS Thinner - Extra Fast</i>

### Process Description

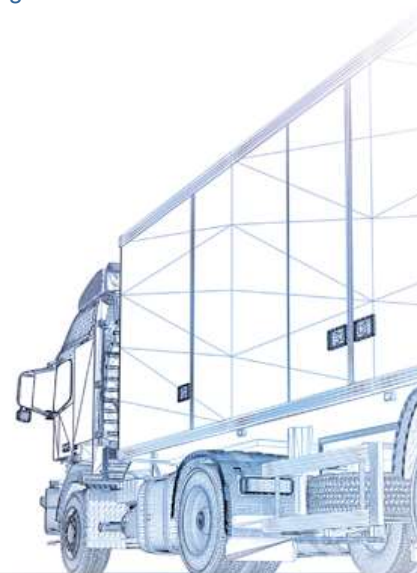
*Turbo Vision* Multistripe Process is a fast Direct Gloss system for producing multicolour drawings and effects on commercial vehicles.

Extra Fast Thinner will give a very fast drying topcoat which can be masked with tape and paper after just 45 minutes at room temperature.

If required to smooth the interlayer edge Turbo Vision EHS Premium High Flow Binder activated in a multistripe process can be recoated within 24 hours with P190-1280 CT Clearcoat without flattening.

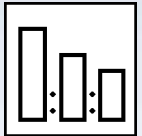
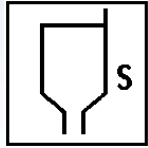
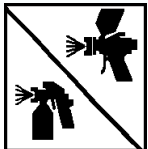

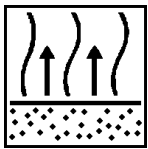
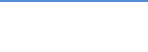
**THESE PRODUCTS ARE FOR PROFESSIONAL USE ONLY.**

*Nexa Autocolor and design* and *Turbo Vision* are registered trademarks of PPG Industries Ohio, Inc.  
© 2017 PPG Industries, Inc. All rights reserved.



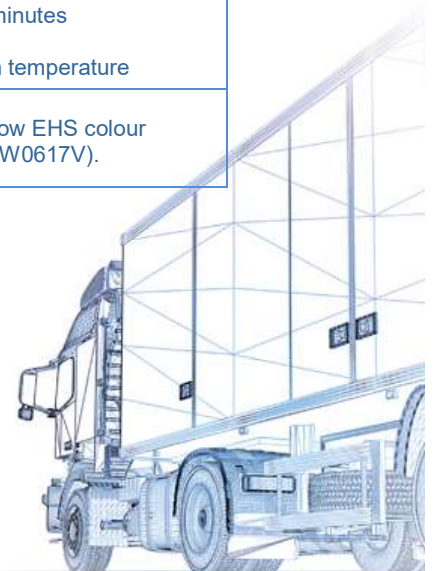
# TURBO VISION<sup>®</sup>



Process	
Conventional or HVLP Application	
	Mixing Ratio by Volume:  <i>Turbo Vision</i> Premium High Flow EHS Topcoat            2 P210-764x hardener (*)                                         1 P852-6446 Extra Fast Thinner (**)                             1
	Spray Viscosity at 20°C: 18-22 seconds DIN4
	1,3-1,4 mm Gravity or 1,6 mm suction feed at 2,0-2,4 bars  <b><u>IMPORTANT: Potlife at 20°C is maximum 20 minutes</u></b>  <b><u>Clean spraygun immediately after use</u></b>
	Number of Coats  <u>1 Visit:</u>  1 very light coat + 1 Full coat  Dry Film Thickness:                             40 – 50 µm (higher build might extend drying time)
	Flash-Off between coats:                     1 minute Flash-Off before bake:                        10 minutes when baked  <b>MASKING UP</b>  45 (*) minutes at 20°C or 10 minutes at 60°C and cool down 20 minutes  (*) times may vary according to spaybooth temperature
	<b>Recoatability</b>  Between 45 minutes and 24 hours By another <i>Turbo Vision</i> Premium High Flow EHS colour or with P190-1280 Clearcoat (see TDS N°W0617V).

THESE PRODUCTS ARE FOR PROFESSIONAL USE ONLY.

Nexa Autocolor and design and Turbo Vision are registered trademarks of PPG Industries Ohio, Inc.  
 © 2017 PPG Industries, Inc. All rights reserved.



# TURBO VISION®



## General Process Notes

### SUBSTRATE AND PREPARATION

1. **Freshly applied Turbo Vision** EHS Premium High Flow EHS topcoat (e.g. when used as a main colour in multicolour designs):

Abrade with Scotch-Brite™ Fine after overnight dry or stoving.

2. **Wet-on-Wet Undercoats or Transparent Undercoat**

Allow to get a fully dried and even surface before topcoating.

3. **1-pack or 2-pack epoxy primers:**

Air-dry overnight or stove at temperatures specified in the PDS before flattening or topcoating. Flattening is recommended to give a smooth surface for topcoating.

If not possible to get a smooth surface, spray a light coat of wet-on-wet undercoat and let it dry properly prior recoating with topcoat activated for multistripe process.

### RECOAT

The topcoat may be left up to a maximum of 24 hours before application of another colour or of a clearcoat. Topcoated areas sprayed in a multistripe process which have been left overnight should be lightly tak-ragged before being recoated.

### DRYING

It is recommended to leave the topcoat air drying at least 45 minutes at 20°C prior recoating. Cooler conditions and high film builds might extend the drying and mask up time.

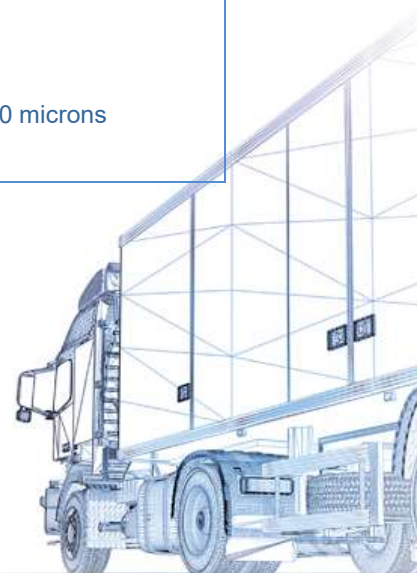
### DECAL APPLICATION

It is recommended that TURBO VISION® Premium High Flow EHS Topcoat is allowed to cure for at least one week prior to any decal application.

### COVERAGE

Approximately 12-13 m<sup>2</sup> per litre of ready for use paint at a dry film thickness of 50 microns depending on thinning ratio used.

**THESE PRODUCTS ARE FOR PROFESSIONAL USE ONLY.**



# TURBO VISION®



## 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.

### 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:

Customer Service Sales Group  
PPG Industries (UK) Ltd  
Needham Road  
Stowmarket  
Suffolk IP14 2AD

**Tel: 01449 771771**

**Fax: 01449 773472**

**THESE PRODUCTS ARE FOR PROFESSIONAL USE ONLY.**

