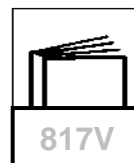


# TCB100



**VIVID RED CONCENTRATE 0055**  
**1.360.0055**  
**APPLICATION PROCESS**

## VIVID RED CONCENTRATE 0055 – COLOUR APPLICATION PROCESS



Vivid Red is a tinted clear layer using specialised pigment dispersion technology to give the enhanced depth and clarity required in the latest OEM Candy Apple type colours e.g. Ford Ruby Red.

Process also requires:-

UHS CLEAR 0950 1.360.0950

UHS HARDENER 1.954.2870 / 2860

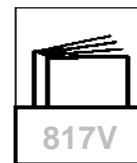
THINNER 1.911.2710

### 1. REPAIR AND PREPARATION OF SUBSTRATE

- 1.1 The damaged body work of the vehicle should be repaired using a MaxMeyer repair and undercoating system for the substrate of the body panels being repaired (Aluminium, Steel, Plastic etc.)
- 1.2 Finish the repair with the recommended Multigrey Primer shade for the specific colour to be applied.
- 1.3 When preparing the substrate suitable colour panels should be prepared alongside in the same Multigrey shade for use when checking the colour/effect of the full Vivid Red Colour Process.



## 2. VIVID RED – CHECKING COLOUR MATCH



Colours containing the 0055, Vivid Red Concentrate will be listed in Colour IT (PAINTMANAGER®), showing the blend of 0055 to 0950 required for a particular OEM colour. When using the Vivid Red type colours and process it is important to create colour panels to ensure the correct blend of 0055 with 0950 is used to achieve the required colour depth and effect of the vehicle being repaired.

**Due to the UHS nature of the tinted Midcoat layer, varying the number of coats, to achieve the correct depth of red, is not possible and only the recommended number of coats of this layer must be applied.**

To increase or decrease the depth of this layer the ratio of 0055 to 0950 should be altered depending on the direction required from the starting ratio e.g. 50/50 0055/0950, remembering that the recommended number of coats and film thickness must be remain fixed.

Clear	Percentage (%) Weight Mix				
0055	25	35	50	65	75
0950	75	65	50	35	25
	<<< Lighter (less Red)		Starting Point	Darker (more Red) >>>	

To produce the colour panels, use the full panel application process described below.

A full panel, “edge to edge” colour match is possible but is more difficult to achieve and could require more time spent on the colour checking process, therefore it is highly recommended to follow the Fade Out process as the preferred option.

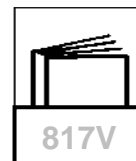
## 3. VIVID RED MIDCOAT LAYER ACTIVATION

0055 / 0950 Mix	By Volume
2870 / 2860 UHS Hardener	3 Parts
2710 Thinners	1 Part
	0.6 Part

**Weight activations for the pre-mixed tinted layer can be found in the Colour RFU section of PaintManager**



## 4. VIVID RED COLOURS – SYSTEM APPLICATION PROCESSES – FADE OUT



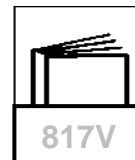
- **Fadeout Option 1:**
- Finish the repair with the recommended Multigrey Primer shade for the specific colour to be applied.
- Prepare panel as recommended for a blending process.
- Apply AQUAMAX® Waterborne Basecoat (Main Layer from Colour IT).
- Application 3 coats + 1 light coat of *AquaMax* Waterborne Basecoat to reach opacity/eveness.
- Flash off between coats as recommended.
- Use recommended fadeout process for *AquaMax* Waterborne Basecoat.
- Mix the tinted midcoat layer ( blend of 0055 + 0950 as confirmed from colour sprayout panels). Then activate @ 3: 1: 0.6 ratio with 2870/2860 hardeners.
- Apply 1 visit coat of tinted midcoat layer over the basecoat, applying 1 light/medium coat followed by a full coat. Allow 1 - 2 minutes flash between spray coats.
- Melt the edge of midcoat layer with Aerosol Spot Blender – 1.912.5411.
- Flash off 30 min @ 20°C then apply 0950 for final gloss as best choice but any MAXMEYER® UHS clear could be used.



## 4. VIVID RED COLOURS – SYSTEM APPLICATION PROCESSES – FADE OUT

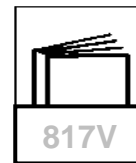
### Fadeout: Option 2:

- Finish the repair with the recommended Multigrey Primer shade for the specific colour to be applied.
- Prepare panel as recommended for a blending process.
- Apply *AquaMax* Waterborne Basecoat (Main Layer from Colour IT).
- Application 3 coats + 1 light coat of *AquaMax* Waterborne Basecoat to reach opacity/eveness.
- Flash off between coats as recommended.
- Use recommended fadeout process for *AquaMax* Waterborne Basecoat.
- Mix the tinted midcoat layer ( blend of 0055 + 0950 as confirmed from colour sprayout panels). Then activate @ 3: 1:0.6 ratio with 2870/2860 hardeners.
- Apply 1 visit coat of tinted midcoat layer over the basecoat, applying 1 light/medium coat followed by a full coat. Allow 1 - 2 minutes flash between spray coats.
- Bake the spot of blended tinted mid layer binder 20min@ 60°C.
- Wet machine sand the edge with a suitable blend/finishing disc, taking care to remove any over spray to the entire panel.
- Apply any *MaxMeyer* Clear coat to the whole panel to achieve the final gloss.





## 5. VIVID RED COLOURS – SYSTEM APPLICATION PROCESSES – FULL PANELS



### Option 1:

- Apply *AquaMax* Waterborne Basecoat (Main Layer from Colour IT) over the correct grey primer shade. This is important to achieve the final color.
- Apply *AquaMax* Waterborne as recommended, two to three coats to achieve full opacity plus one final control coat.
- Leave *AquaMax* Waterborne to flash off for 30' at 20-23°C.
- Mix the tinted midcoat layer (blend of 0055 + 0950 as confirmed from colour sprayout panels). Then activate @ 3: 1:0.6 ratio with 2870/2860 hardeners.
- Apply 1 light/medium coat followed by a full coat. The first coat should be applied to all repair panels before the second coat is applied. For less than 3 panels, allow 2-3 minutes flash between spray coats. For more than 3 panels, no flash off is required.
- Avoid any heavy application to reduce risk of fat edges/ framing.
- Bake 30' @ 60°C leave to cool down and wet sand with DA P1500.
- Clean and apply any *MaxMeyer* Clear desired for final gloss.

**NOTE:** Use this process for best appearance.

### Option 2:

- Apply *AquaMax* Waterborne Basecoat (Main Layer from Colour IT) over the correct grey primer shade. This is important to achieve the correct final color.
- Apply *AquaMax* Waterborne as recommended, two to three coats to achieve full opacity plus one final control coat.
- Leave *AquaMax* Waterborne Basecoat to flash off for 30' at 20-23°C.
- Mix the tinted midcoat layer (blend of 0055 + 0950 as confirmed from colour sprayout panels). Then activate @ 3: 1:0.6 ratio with 2870/2860 hardeners.
- Apply 1 light/medium coat followed by a full coat.  
The first coat should be applied to all repair panels before the second coat is applied.
- For less than 3 panels, allow 2-3 minutes flash between spray coats. For more than 3 panels, no flash off is required.
- Avoid any heavy application to reduce risk of fat edges/framing.
- Flash off 30' @ 20°C
- Apply 0950 for final gloss as best choice but any *MaxMeyer* UHS clear could be used.

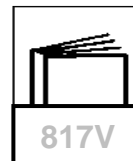
# TCB100



**VIVID RED CONCENTRATE 0055**  
**1.360.0055**  
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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.



## SAFETY AND HANDLING

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: [www.maxmeyer.com](http://www.maxmeyer.com)



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