

**PRODUCT NAME**

PVC17 Colours

**ORIGINALLY ISSUED**

13/10/2017

**PRODUCT CODE**

TOPPVC17

**VERSION**

3.0

**VERSION DATE**

06/06/2024



**PRODUCT DESCRIPTION**

A 1K Vinyl Acrylic with exceptional flexibility and adhesion. HMG PVC 17 is suitable for coating most PVCu, hard plastics (not GRP) and powder-coated surfaces (architectural cladding). If in doubt, a small trial should be carried out in a localised area to ensure adhesion and compatibility with the surface.

PVC17 is not suitable for coating areas incorporating draught seals and gaskets.



**IMPORTANT INSTRUCTIONS BEFORE USE**

- Read and follow SDS, TDS and label instructions
- Stir all paints thoroughly before use
- Always use the same batch number on the same job
- Check colour & sheen. HMG will not accept any discrepancies arising after use
- Filter the product immediately before use
- Reduce emissions and maintain quality by replacing tin lid after use
- If in any doubt speak HMG Technical Service Department on (0161) 205 7631



**SPECIAL PROPERTIES**

- Highly Flexible
- Good long term durability
- Quick drying



**MAXIMUM VOC CONTENT (RFU)**

0.745Kg/L

**REGULATIONS / COMPLIANCE**

- 2004/42 IIB (E) 840



**COLOUR RANGE**

- Available in a wide colour range including RAL & BS and Automotive shades



**GENERAL INFORMATION**

Solids By Volume 20.00%  
Coverage 10.5 square metres per litre @ 20 microns dft  
Flashpoint -9°C  
Storage Store between 5°C - 25°C. When not in use, cans must be kept sealed  
Shelf Life 12 months from delivery date in original sealed containers



**CLEANING**

Ensure surfaces to be coated are dry and must be cleaned using the appropriate HMG product to remove all traces of contaminants.

HMG produce a full range of cleaners, silicone removers, degreasers and preparatory cleaners suitable for the cleaning process.

Please refer to our website for Knowledge Base article Prep-Cleaning Techniques (KNB0009) and Preparatory Cleaners from the Product Guide.



**SURFACE PREPARATION**

Please refer to Knowledge Base for details on Surface Preparation.

PVC curtain material and other flexible substrates are best coated after they have been aired, to ensure that any trapped plasticisers can escape. These need to be released/removed from the surface to ensure correct adhesion and drying of PVC 17.

Failure to remove plasticiser will cause adhesion and drying problems. New PVC curtain material and other flexible substrates should be exposed to the atmosphere for at least 7 days to ensure optimum adhesion and drying performance.

HMG produce Prep Clean 2805 & 2806 for use on new & old substrates



**ADDITIONAL INFORMATION**

\*\*In cases where large areas are being sprayed and where the temperature is exceeding 25 degrees C, 2604 slow thinner may be used to increase wet edge time\*\*



**HEALTH AND SAFETY**

- Refer to SDS and tin label prior to use.
- Suitable respiratory equipment should be worn when spraying.

**APPLICATION METHODS**



**MIXING RATIO**

| AEROSOL | CONVENTIONAL SPRAY GUN        | BRUSH                  | PRESSURE POT                  |
|---------|-------------------------------|------------------------|-------------------------------|
| RFU     | Base Thinner<br>100 up to 25% | Base Thinner<br>90 N/A | Base Thinner<br>100 up to 25% |



**THINNER OPTIONS**

|                              |                              |
|------------------------------|------------------------------|
| Thinner 2661<br>Thinner 2604 | Thinner 2661<br>Thinner 2604 |
|------------------------------|------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |                            |                          |                            |                       |                            |                          |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------|--------------------------|----------------------------|-----------------------|----------------------------|--------------------------|----------------------------|
|                                                                                                                                                                                                                                                                                                                                         | <b>VISCOSITY</b>                    |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | RFU                                 |                            | 30-35                    | seconds B4 cup             |                       |                            | 30-35                    | seconds B4 cup             |
|                                                                                                                                                                                                                                                                                                                                        | <b>SPRAY GUN SETUP</b>              |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     | 1.6 - 1.8                  |                          |                            |                       |                            | 1.1-1.4                  |                            |
|                                                                                                                                                                                                                                                                                                                                        | <b>NUMBER OF COATS (GUIDE ONLY)</b> |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | 1-2 coats                           | 1-2 full coats             | 1 coat                   |                            |                       |                            | 1-2 full coats           |                            |
|                                                                                                                                                                                                                                                                                                                                        | <b>FLASH OFF</b>                    |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | 10-15 mins between coats            | 10-15 mins between coats   | 10-15 mins between coats |                            |                       |                            | 10-15 mins between coats |                            |
|                                                                                                                                                                                                                                                                                                                                        | <b>DRYING TIME</b>                  |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | Touch dry<br>Hard dry               | 15mins @20°C<br>8hrs @20°C | Touch dry<br>Hard dry    | 15mins @20°C<br>8hrs @20°C | Touch dry<br>Hard dry | 15mins @20°C<br>8hrs @20°C | Touch dry<br>Hard dry    | 15mins @20°C<br>8hrs @20°C |
|                                                                                                                                                                                                                                                                                                                                        | <b>RECOATABILITY / OVERCOATING</b>  |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | Minimum of 1 hour                   |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                        | <b>WET FILM THICKNESS*</b>          |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | 100 microns                         | 100 microns                | 100 microns              |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                        | <b>DRY FILM THICKNESS*</b>          |                            |                          |                            |                       |                            |                          |                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                        | 20 micron                           | 20 micron                  | 20 micron                |                            |                       |                            |                          |                            |
| * - HMG Technical Data Sheets indicate a Dry Film Thickness that will be achieved when applying a particular Wet Film Thickness. These values are a guide only and are not to be used as specifications. Film thickness will vary depending on actual use and specification. Great care should be taken to achieve the dft stated in the agreed specification and to avoid areas of excessively low or high thickness. |                                     |                            |                          |                            |                       |                            |                          |                            |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of HMG's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to it's accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. For professional use only.