

1K DTM is a single pack direct to metal compliant coating, giving good corrosion and early moisture resistance, ideal for application direct to metal as a single coat primer finish for use on skips, containers, agricultural and construction vehicles and machinery.

- Low odour and recoat at any stage, ready for use.
- Suitable for most clean and degreased metal surfaces.
- Quick drying – touch dry after 2 hours.
- Available in 30%, 70% & Gloss sheen level.
- Available in wide range of colours including RAL & BS.
- Coverage: 6<sup>2</sup> per litre
- Thinner: 2621

Full BS, RAL, agricultural and commercial vehicle colour ranges, including metallic finishes, and specials on request. Manufactured under the auspices of an ISO 9001 management system.

## Information

<b>Theoretical Coverage (approx) at 20 microns DFT</b>	6m <sup>2</sup> per Litre	<b>Number of Coats (Guide Only)</b>	Airless - 1 Full Coat Pressure Pot - 1 Full Coat Compliant Spray - 1 - 2 Full Coats
<b>Drying time at 20°C (May vary with film build and temperature)</b>	Touch Dry - 2 Hours Hard Dry - 24 Hours Full Dry - 7 Days	<b>Application</b>	Airless - Pressure Pot - Compliant Spray
<b>Suggested Primer</b>	N/A	<b>Spray Gun Setup</b>	Compliant 1.6 - 2.0 Airless 13 - 15 Thou Pressure Pot 2.0
<b>Thinner</b>	2621	<b>Wet Film (WFT)</b>	150 microns
<b>Thinning</b>	Airless & Pressure Pot - RFU Compliant Spray 10 - 20%	<b>Dry Film (DFT)</b>	100 microns
<b>Flash Point</b>	24°C	<b>Pot Life</b>	N/A
<b>Volume Solids</b>	55%	<b>Recoat / Overcoat</b>	Any stage
<b>Maximum VOC (RFU)</b>	410g/l	<b>Finish</b>	30% & 70%
<b>Regulation / Compliance</b>	PG6/23 11	<b>Available Pack Sizes</b>	5L, 15L & 20L

## Important Information Before Use

Read and follow SDS, TDS, and label instructions. Stir paint thoroughly before use. Always use the same batch number on the same job. Check colour and 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 doubt, contact HMG Technical Service Department on 0161 205 7631.

## Substrates

HMG 1K DTM for application direct to most suitably prepared metals. Not suitable for coating over bitumen or chlorinated rubber coatings. Suitability over existing coating should be trialled in small area prior to full application.

## Application Climate

Substrate temperature should be 5°C or above for application and during cure, and a minimum of 3° above the dew point. Adequate dry air ventilation should be supplied during drying.

## Application Information

Thinning should only take place after material is thoroughly mixed. Application and use should always conform with the codes of practice described in BS 6150 and BS 5493.

## Surface Preparation

Ensure surfaces are clean, dry and free from grease, oils, dust and other contamination prior to application. Thoroughly clean and degrease using suitable HMG Prep Clean. Abrade with P80 – P180 if necessary.

## General Specification

High pressure wash to remove all loose debris and other contamination.

Thoroughly clean and degrease using suitable HMG Prep Clean - Apply by cloth and quickly remove using clean lint free cloth. Repeat until surface is clean and free from all deposits (grease, oil, silicone). Replace cloths regularly to ensure that contamination is not re-applied to the surface.

### Painting existing coatings (powder coated)

Check all existing coatings are well adhered with all loose and failed material removed back to firm with all edges well feathered.

## Application

Apply HMG 1K DTM evenly via Airless/Air-assisted, Pressure Pot, Compliant Spray. 1-2 full coats.

For full surface preparation please refer to our web site for Knowledge Base article Prep Cleaning Techniques (KNB0009) and Preparatory Cleaners from the Product Guide. If in doubt speak to HMG Technical Department on 0161 205 7631.

## Health And Safety

Refer to SDS and tin label prior to use. Suitable respiratory equipment should be worn when spraying. Contaminated rags, spray booth filters or other substrates should be segregated from other chemical waste, soaked with water or disposed of in a non-combustible container with tight fitting lid.

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 its 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.