

C71 Speedline

Information Sheet

Version 1 7 February 2023

HMG C71 Speedline is a high quality, single pack, synthetic alkyd enamel for brushing or spraying offering fast surface drying, good through drying even in thick films, with outstanding hard, tough finish, with minimal yellowing even at high temperature making it ideal for machinery, appliance and agricultural projects.

Direct to all metals, ferrous and suitably prepared non-ferrous. Can be used as part of a finishing system for more demanding exposure scenarios. Ideal application to fencing, gates and other ironmongery, previously painted or primed timber, agricultural, construction and earth moving equipment. Ideal for small touch up areas. Brush or spray apply.

- Good resistance to oils and fats
- Temperature resistant up to 170°C
- Used for vehicle finishing, agricultural equipment and machinery
- Offers fast surface drying with outstanding film hardness and toughness
- Available in Aerosol for easy touch up

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

Theoretical Coverage (approx) at 20 microns DFT	10m ² per Litre	Number of Coats (Guide Only)	Aerosol – 2 Brush – 2 Compliant – 1-2 Full Coats Air/Airless – 1 Full Coat
Drying time at 20°C (May vary with film build and temperature)	Touch Dry – 2 Hours Hard Dry – 4 Hours Full Dry – 12 Hours	Application	Brush or Spray
Suggested Primer	Synthetic BDX Primer or Synthetic High Opacity Undercoat	Spray Gun Setup	Compliant – 1.6 – 1.8 Air / Airless – 11-13 thou 40/50°
Thinner	2611 or 2612	Wet Film (WFT)	100 Microns
Thinning	Brush up to 5% Compliant Spray up to 10% Viscosity 30 – 35 Seconds B4 Cup Airless or Air-Assisted up to 5%	Dry Film (DFT)	50 Microns
Flash Point	29°C	Pot Life	N/A
Volume Solids		Recoat / Overcoat	After 12 Hours
Maximum VOC (RFU)	45g/l	Finish	Gloss, Satin or Matt
Regulation / Compliance	Out of Scope	Available Pack Sizes	Aerosol, 1L, 2.5L & 5L

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

C71 Speedline is suitable for use on all properly cleaned and prepared bare ferrous and non-ferrous metals and most previously coated metals. Previous coatings should be fully cured and prepared, test patch is recommended to check compatibility. Previously painted timber should be dry with all coatings sound and fully adhered. Failed previous coatings should be removed back to firm well feathered edge. Suitable primer is recommended for use over aluminium and new galvanised metals. Rusted steel to be suitably prepared and anti-corrosive primer applied prior to C71. Not for application over chlorinated rubber or bitumen coatings.

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 degrease using suitable HMG degreaser and where applicable, abrade to remove rust and promote good adhesion.

For best results and optimum corrosion protection mild steel should be blast cleaned to Sa2.5.

General Specification

Bare substrates

New Galvanised steel to be degreased using suitable HMG Degreaser 2802, 2803 or 2804. Application of HMG Mordant Wash prior to application of HMG Etch Primer and suitable HMG Primer, Aged Galvanised to be degreased using suitable HMG Degreaser 2802, 2803, or 2804, lightly abraded prior to application of suitable HMG Primer.

Aluminium to be degreased using suitable HMG Degreaser 2802, 2803 or 2804, abrade with P180 – P320, prior to application of suitable HMG Etch Primer and suitable HMG Primer.

Mild Steel remove millscale and thoroughly degrease using suitable HMG Prep Clean, abrade with P80 – P180 if necessary, before applying suitable HMG Primer.

Shot Blasted Steel remove all traces of blast grit/sand before applying suitable HMG Primer.

Previously painted/General Maintenance

High pressure wash to remove all loose debris and poorly adhered existing coatings to remove salts and other contaminants.

Degrease using suitable HMG Degreaser 2800 to remove grease and oils not removed with pressure washing alone.

C71 Speedline

Remove all loose and failed coatings back to firm, wire brush to remove rust and corrosion to clean metallic appearance, all edges to be firm and well feathered.

Abrade to promote good adhesion.

Wipe over with degreaser to remove loose debris from abrasion.

Substrate to be clean, free of grease, oils, dust and completely dry prior to application

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.