

Polyurethane Floor Paint

Description

HMG Polyurethane Floor Paint is a single pack versatile, durable and easy to use floor paint. For use over clean, dry, suitably prepared internal/external bare or previously painted concrete, brick work, wood, or metal subject to light to medium foot traffic.

Features

- Internal and External use
- Easy, ready for use single pack
- Good resistance to oils, grease and some chemicals
- Touch dry 2 hours
- Recoat after 16 hours
- Can be made low slip with the use of HMG Low Slip Additive

All HMG Paints products are manufactured in Manchester, UK under the auspices of an ISO 9001 management system and are Made in Britain accredited.



Substrates

Suitable for most interior & exterior surfaces including wood, concrete, cement, metal and brickwork that are subject to light to medium traffic areas.

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. Reduce emissions and maintain quality by replacing tin lid after use. If in doubt, contact HMG Technical Service Department on 0161 205 7631.

Application

Method

Brush or Roller

Application Climate

Substrate temperature should be 5°C or above for application and during cure, and a minimum of 3°C above the dew point. Adequate dry air ventilation should be supplied during drying. Complete cure (drying) of the coating can take longer than times quoted, depending on the film thickness applied and the ambient drying conditions on site.

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.

Brush and Roller - Supplied ready for use. Thin, if required, up to 5%.

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Surface Preparation

Substrate to be clean, dry, and free of oils, grease, dust, and other contamination prior to application. New concrete and screeds should be allowed to fully cure prior to painting. Ensure the substrate is thoroughly clean and degreased using suitable degreaser. Laitance and dusty top layer of new concrete to be removed to firm.

Power floated/non porous or shiny concrete should be mechanically abraded, this is best achieved via vacuum blasting to a profile of 30 to 50 microns, for smaller areas or where this is not possible concrete etch should be used.

Previous coatings should be sound and well adhered, all loose and failed coatings removed back to firm well feathered edge and checked to be compatible with new coating.

External areas should be checked to be above local water table, good drainage (no standing water) with DPM present and intact.

Substrate to be sound without signs of powdering or crumbling with all joints, cracks, holes, and other repairs filled with suitable filler.

Vacuum to remove all dust and loose debris prior to application.

Check floor system selected is suitable for application and proposed use against slip in all likely conditions.

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.

Application

First coat – Thinned 20% as primer coat for porous bare substrates, this is not required for previous coatings other than as a spot primer over bare areas.

Second coat – applied at 100 microns WFT this equates to 10sq metres per litre on a flat surface, allow wastage for uneven surface and porous substrates.

Third coat – applied at 100 microns WFT this equates to 10sq metres per litre on a flat surface, allow wastage for uneven surface and porous substrates.

When using floor paints please ensure that the finished floor is safe against slips in all likely conditions.

Recoat after 16 hours, this may be extended for application above 100 microns and at colder temperature. Allow at least 4 hours for light traffic and 24 hours for heavy traffic.

Information

Theoretical Coverage (approx) at 50 microns DFT	Up to 10m ² per l	Number of Coats (Guide Only)	1 - 2 coats
Drying time at 20°C (May vary with film build and temperature)	Touch Dry – 1 - 2 hours Hard Dry – 4 hours Recoat – 16 hours	Application	Brush or Roller
Thinner	2611/2612 up to 20% on new and porous substrates.	Finish	Semi – Gloss

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Volume Solids	52%	WFT	100 microns
Maximum VOC (RFU)	.445kg/l	DFT	50 microns
Primer	Concrete – thin first coat Timber – Acrylic Primer or thin first coat Steel – BDX Primer	Colours	Available in standard HMG Floor Paint Colours & full BS, RAL and many others to order.
Regulation/ Compliance	2004/42 IIA SB (I) 500	Available Pack Sizes	5lt & 20lt

Colour Range

Available in Light Grey (RAL7038), Mid Grey (RAL7037), Dark Grey (RAL7015) Yellow (RAL 1018), Tile Red (L31707) Green (14-E-53), Mid Blue (RAL5015), White and Black. Other colours are available in batch size quantities.

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.