

## Description

An innovative high performance single pack cross linking water based floor paint for domestic and light industrial use.

## Features

Suitable for internal and exterior application to suitably prepared bare and previously painted floor areas including bedrooms, kitchens, domestic garage, workshop, office, and studio, once cured resistant to oils, grease and light industrial traffic.

- Water based, low odour and quick drying with low VOCs
- Tough, hard wearing mid sheen finish
- Formulation offers superior adhesion and durability, suitable for internal and external application
- Resistant to oils and grease and easy to maintain
- Touch dry 30 – 45 mins
- Recoat after 1 hour @ 20°C
- Soap and water clean up

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

Prepared bare and previously coated concrete, tarmac and wooden floors that are subject to light to medium traffic.

## 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.

## 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° above the dew point. Adequate dry air ventilation should be supplied during drying. Complete cure (drying) of the coating can take up to several days, depending on the film thickness applied and the ambient drying conditions at site. The coating should not be exposed to heavy surface condensation before it is completely dry as this can cause permanent surface marking.

## 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, with up to 5% water.

## Surface Preparation

Please read HMG Knowledge Base Article - Preparation of Concrete Floors Prior to Coating - KNB0012

<https://www.hmgpaint.com/knowledge/knowledge-base/63/preparation-of-concrete-floors-prior-to-coating>

Substrate to be clean, dry and free of oils, grease, dust and other contamination prior to application.

High pressure clean to remove all loose debris and contamination.

Degrease using suitable degreaser and scrubbing action to remove any contamination not removed from cleaning alone.

**Bare concrete:** Power floated/non porous should be etched or abraded prior to painting, this can be achieved by etching using an acid etch or blasting either vacuum or similar, please see knowledge base above.

Porous concrete should be checked for laitance, if this is present then prepare as above.

**Previous coatings:** Check previous coatings are compatible with any new coating to be applied, all coatings should be sound and well adhered with all failed and damaged areas removed back to firm well feathered edge. Lightly abrade to provide key.

**Bare wooden floor:** Lightly abrade, hard wood floors should be wiped using methylated spirit to remove any resin from the surface, primed to avoid resin bleed using aluminium primer. Soft woods may require knotting treatment prior to application of thinned first coat.

**Steel or metal:** Prepared to remove all rust/corrosion and primed using suitable primer.

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

Application to porous substrates first coat to be thinned 5 – 10% using clean water to allow for penetration into the substrate.

First coat – Thinned 5-10% 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 12m<sup>2</sup> per litre on a flat surface, allow wastage for uneven surface and porous substrates.

Third coat – applied at 100 microns WFT this equates to 12m<sup>2</sup> per litre on a flat surface, allow wastage for uneven surface and porous substrates.

Recoat after one hour, this may be extended for application above 100 microns and at colder temperature. Allow at least 2 hours for light foot traffic and 24 hours for heavy traffic.

# HydroPro 1K Floor Paint

## Technical Information

<b>Theoretical Coverage (approx.) at 25 microns DFT</b>	Up to 12m <sup>2</sup> per l	<b>Number of Coats (Guide Only)</b>	2 – 3 coats
<b>Drying time at 20°C (May vary with film build and temperature)</b>	Touch Dry – 1 Hour Full Cure – 7 Days	<b>Application</b>	Brush or Roller
<b>Volume Solids</b>	30%	<b>Finish</b>	35% Sheen
<b>Maximum VOC (RFU)</b>	10g/l	<b>WFT</b>	100 microns
<b>Regulation / Compliance</b>	2004/42 IIA WB (i) 140	<b>DFT</b>	30 microns

Complete cure (drying) of the coating can take up to several days, depending on the film thickness applied and the ambient drying conditions at site.

## Colour Range

Available in Light Grey (RAL7038), Mid Grey (RAL7037), Dark Grey (RAL7015) Yellow (RAL 1018), Tile Red (L31707) and Mid Blue (RAL5015). 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.