

# Floor Paints Guide





HMG Paints offers a comprehensive range of high-performance floor coatings, designed for durability and versatility across various industries.

Our floor paints have been used in everything from warehouses and factories to commercial spaces and sports facilities. Ensuring long-lasting protection and a professional finish.

As the UK's largest independent paint manufacturer, HMG Paints has been setting the standard since 1930. We are committed to delivering innovative, market-leading products alongside exceptional customer service and technical support.

Find out more about HMG Paints and our extensive product portfolio by visiting [www.hmgpaint.com](http://www.hmgpaint.com) or calling us on 0161 205 7631.

HMG is also proud to be a trusted paint and technical partner with:



prodriue

TECHNICAL PARTNER



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



# At a Glance

## Quick Reference Guide

	Floors	Water-based	Solvent-based	Low - Med Traffic	Heavy Traffic	Interior Use	Exterior Use
HydroPro Floor Paint	✓	✓		✓		✓	✓
Polyurethane Floor Paint	✓		✓	✓		✓	✓
2K Epoxy Floor Paint	✓		✓		✓	✓	

The above guide is for reference only. Products should always be applied over clean, dry, suitably prepared substrates. Compatibility with existing coatings should be checked prior to application. All failed, poorly adhered previous coatings should be removed. Always test in a small area before full application.

### 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.

### If in doubt, contact HMG Technical Service Department on 0161 205 7631

The information in this guide 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.

# HydroPro Floor Paint

## Waterbased

### Product Description

An innovative high performance single pack cross-linking, water-based floor paint for suitably prepared bare and previously coated concrete, tarmac and wooden floors that are subject to light to medium traffic. Available in 10 colours.

### Product Features

- ✓ Water-based
- ✓ Low odour
- ✓ Quick drying
- ✓ Low VOCs
- ✓ Tough, hard wearing mid sheen finish
- ✓ 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
- ✓ Available with added aggregate for low slip finish

### Suitable For Use

- ✓ Internal and exterior application
- ✓ Ideal for walkways and steps
- ✓ Suitably prepared bare and previously painted floor areas

\*Suitability with existing coatings & substrate to be checked with test application prior to use.



# Polyurethane Floor Paint

## Solvent-based

### Product Description

Polyurethane Floor Paint has been designed to provide a hard wearing yet economical surface coating. Its durability is ensured by high-quality resins, making the product both resilient and very easy to use.

### Product Features

- ✓ Solvent based
- ✓ Light to medium Traffic areas
- ✓ Recoat: 1-2 hours
- ✓ Touch dry: 1-2 hours
- ✓ Hard dry: 4 hours
- ✓ Full cure: 7 days
- ✓ Available in a wide colour range including RAL & BS shades
- ✓ Available with added aggregate for low slip finish

### Suitable For Use

- ✓ Internal and exterior application
- ✓ Ideal for walkways and steps
- ✓ Suitably prepared bare and previously painted floor areas

\*Suitability with existing coatings & substrate to be checked with test application prior to use.



# 2K Epoxy Floor Paint

## Solvent-based

### Product Description

A 2K Epoxy finish that has excellent application properties and excellent chemical resistance.

### Product Features

- ✓ Solvent based
- ✓ Medium to heavy traffic areas
- ✓ Anti-Slip version available
- ✓ Recoat: 1-2 hours
- ✓ Touch dry: 1-2 hours
- ✓ Hard dry: 4 hours
- ✓ Full cure: 7 days
- ✓ Available in a wide colour range including RAL & BS shades
- ✓ Available with added aggregate for low slip finish

### Suitable For Use

- ✓ Internal application only
- ✓ Ideal for heavy mechanical traffic areas
- ✓ Suitably prepared bare and previously painted floor areas

\*Suitability with existing coatings & substrate to be checked with test application prior to use.



# Types of Flooring

## Identify Type of Floor

### New Concrete

Newly laid concrete floors should be left for a minimum of 8 weeks prior to application of coating. Moisture content of the concrete should be below 6%. New concrete floors can have a soft or weak top this is known as laitance. Laitance is a weak powdery layer on the surface of concrete caused by an excess of water in the mix, inadequate curing, over working or rain damage, if not removed it will interfere with the penetration and adhesion of any coating resulting in delamination and premature failure.

For large floor areas it is recommended that vacuum blasting, shot blasting, diamond grinding or scabbling are best methods of removal, smaller areas or where the above are not viable then an acid etch could be used.

### New Power Floated Concrete

Power floated floors are finished using a machine that uses rotating circular pans to achieve this buffed and polished finish. Power floated floors are waterproof and will not allow coatings to penetrate the surface, which causes issues with adhesion and premature failure and will require mechanical preparation prior to application of any coatings.

### Old Concrete

Old concrete will be etched and may become polished in high traffic areas, dirt and contamination will be ingrained into the face and could cause premature failure of coating. Oils, grease and other contamination from vehicle, foot and other use will all be present, minimal preparation is to clean and degrease using scrubbing to remove surface contamination. Heavily trafficked and soiled areas may require mechanical preparation. Any damage, cracks, or holes to be cleaned, prepared, and repaired using suitable fillers.

### Previously Painted Concrete

Previous coatings will require adequate cleaning and degreasing with light abrasion to provide key. Compatibility with new coatings should be checked with trial application. All previous and existing coatings to be fully adhered with any failed or damaged coatings removed to firm, feathered edge and all damage, cracks and holes cleaned, prepared, and repaired using suitable fillers.

### Same Batch

You should always ensure you use the same batch of paint on the same job. Failure to do so may result in streaks or patchiness due to concrete porosity. Always check the colour before use. Always read Technical Data Sheet and Safety Data Sheet before use available from [www.hmgpaint.com](http://www.hmgpaint.com).

# Floor Preparation

## Quick Reference Guide

Ensure that new concrete or screeded surfaces have fully dried out. Quick Tip - This can be tested by taping a piece of polythene or laying a rubber mat onto the surface, leaving it overnight and seeing if the surface has sweated by the following morning. If it is noticeably darker under the polythene or rubber mat, then the floor is still drying out and must not be painted.

Ensure that the substrate is thoroughly clean. Scrape off loose and flaking material and degrease using a good quality Floor Degreaser as directed by manufacturer. Failure to clean and degrease area could result in contamination leading to lack of adhesion and premature failure of coatings.

A new power floated floor will be non-porous and will require vacuum blasting prior to application, small areas can be etched using a good quality Pre-Treatment for Concrete, then washed with fresh water and allowed to dry. Etching may need to be repeated until all laitance (loose cementitious material) has been removed and the surface has a rough, grainy profile.

To test concrete or screed floors are suitably prepared for painting, water dropped on the floor should soak in to give a dark patch, not droplets on the surface.

For larger areas Vacuum Blast Cleaning or Scarifying may be more appropriate methods of surface preparation.

Wooden floors should be clean and sanded to a smooth finish.

Existing coatings should be checked for compatibility. They must be clean, sound, well adhered, well feathered, and well abraded. All surfaces must be dry and dust free before coating.

A number of HMG floor coatings are suitable for external use. When painting external concrete, it is important to check that the surface is above the water table and/or an intact DPM barrier is present.

When using floor paints please ensure that the finished floor is safe against slips in all likely conditions. A number of HMG Floor Paints are available with an anti-slip additive.

# Colour

At HMG Paints we know how important colour is, especially when it comes to sports. We can match all our paint to your club colours with ease thanks to our market leading tinting systems.

With over 90 years of making colours HMG has the biggest colour archive in the industry. Not only do we have a range of decorative colours, British Standard, RAL, NCS, Pantone, we also offer a colour matching service.

No matter where your colour inspiration has come from if you can provide us a sample we will endeavor to match it in whichever finish you require.

With digital colour matching in our new state of the art department we have the ability to produce your colour as you wait.

## Floor Paint Colour Range

Our floor paints are available in 9 ready made colours.

Light Grey (00-A-05)	Mid Grey (RAL 7037)
Dark Grey (RAL 7015)	Yellow (08-E-51)
Tile Red (L31707)	Mid Blue (RAL 5015)
Green (14-E-53)	White (00-E-55) Black (RAL 9005)

# Case Studies

## SMRE Bar - FC United

The SMRE Bar at FC United is a multi-function area at Broadhurst Park which required a tough and durable coating. On match days it's use by fans and on weekdays becomes classrooms.



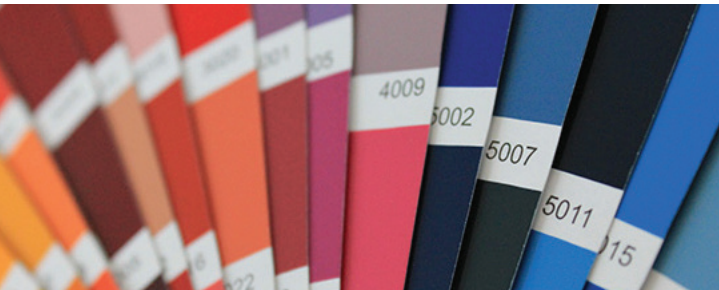
## National Speedway Stadium

HMG floor paints are required to provide a tough and resistant finish at the home of the Belle Vue Aces.



## Prodrive Aston Martin Racing

As Technical Supplier to Aston Martin Racing we supply coatings for the cars and also for the pits and corporate areas. These need to be especially hard wearing as they are shipped around the globe.





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