

Description

HMG All Purpose Pro is a superior water-based, micro porous, flexible coating for use on many internal and external projects including bare and previously painted surfaces.

Features

Suitable for external building maintenance around farms, factories, homes and gardens, over aged bitumastic, galvanised and most, sound previous coatings suitably prepared.

- Water Based, Acrylic Coating
- Micro Porous, Flexible
- Low odour
- Quick Drying
- Easy ready for use formulation with soap and water clean up
- Brush, roller or spray applied
- Suitable for many previously coated interior and exterior substrates.
- Coverage: up to 15 sq mtrs depending on porosity and texture of substrate
- Touch dry: 15 – 30 mins at 20°C

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 use on and over many properly prepared bare and previously coated substrates including metals, plastics, PVCu, timber, cement and concrete (not for use as floor coating) previous coatings cleaned and lightly abraded, gloss, varnish, plastisol and powder coatings and many more. Compatibility with existing/previous coatings should be checked with trial 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. Filter the product immediately before use. If in doubt, contact HMG Technical Service Department on 0161 205 7631.

Application

Method

Brush, roller or spray.

Application Climate

Substrate temperature should be 8°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.

Remove all loose and failed previous coatings making sure all edges are well adhered and feathered.

Algae & fungal growth to be removed and treated with fungicidal wash.

Smooth surfaces to be degreased and lightly abraded.

Bare steel – remove all loose rust and dust, degrease using suitable HMG degreaser WB2814 treat with HMG Ferrozinc Rust Converter and prime using Anti-Corrosive primer prior to application.

New pressure treated timber should be weathered up to 6 months minimum. New planed square edge wood, abrade to open grain. Denatured (grey) timber abrade to remove dead cells.

Porous substrates such as weathered and new wood, plaster, brick etc, first coat should be thinned with up to 30% clean water.

PVCu, Building Plastics – Clean and degrease using HMG anti-static Degreaser 2805 for new or 2806 for aged or old.

Application over creosote and bitumen should be after 3 months weathering, new galvanised should be etched or left to weather for at least two months and degreased prior to application.

General Specification

Ensure correct surface preparation is carried out and substrate is completely dry, clean, free of grease, oils, dust and other contaminants prior to application.

First coat thin up to 30% with clean water for porous surface, all others apply without thinning.

Second coat after first coat has dried, normally 1 hour at 20°C

Third coat if required after second has dried.

Over application and temperature can increase drying times.

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.

Technical Information

Theoretical Coverage (approx) at 20 microns DFT	15m ² per l	Number of Coats (Guide Only)	Brush/Roller 1 - 2 Coats Spray 1 - 2 Coats
Drying time at 20°C (May vary with film build and temperature)	Touch Dry – 30 mins Hard Dry – 1 – 2 hours	Application	Brush, Roller, Spray

All Purpose Pro

Suggested Primer	Not required on most applications	Spray Gun Setup	Compliant 1.2 – 1.4
Thinner	Water	Wet Film (WFT)	70 – 80 microns
Thinning	30% on porous surface	Dry Film (DFT)	25 - 28 microns
Volume Solids	35%	Recoat / Overcoat	1 hour
Maximum VOC (RFU)	5g/l	Finish	Matt or Satin
Regulation / Compliance	2004/42 Low	Available Pack Sizes	2.5l & 5l

Colour Range

Full BS, RAL colour range and a number of decorative colours, specials on request.

Health, Safety & Environmental

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. Reduce emissions and maintain quality by replacing tin lid after use. Store between 5°C & 25°C. When not in use, cans must be kept sealed. Shelf Life for this product is 12 months from delivery date in original sealed containers.

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.