

Water Based Range
Metal
Multisurface & Plastics
Wood

HMG

Coatings (South) Ltd

www.hmgcoatings.co.uk



PAINTS

Going Further

We believe our role as a supplier of industrial coatings is to provide a comprehensive range of services to our high quality product ranges.

To this end we have invested heavily in some of the most technically advanced colour matching equipment available combined with formulation software which incorporates batch to batch historical data to ensure your latest batch matches the very first batch.



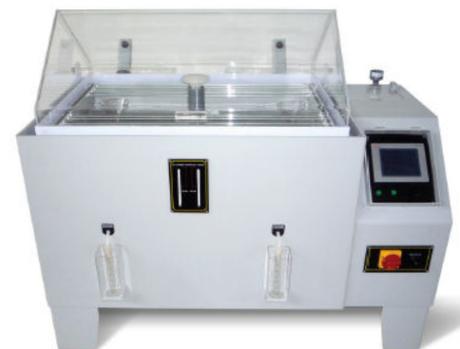
We have also invested in both solvent based and water based, highly accurate computerised dispensing equipment to deliver fast and reliable colour mixes time after time.

This allows a rapid turn around on colour to meet the next day response many customers now require. Batch retain swatches are kept for every batch produced



Batch to batch quality is maintained by both a visual and spectrophotometer colour check against the std or previous batch. We also check sheen against a standard or previous batch.

For longer term durability and corrosion testing we have access to the Lab in HMG Paints Ltd based in Manchester. Here we can arrange for Neutral and Acidic Salt Spray Testing as well as Accelerated Weather Testing.



Introduction To Water Based Paints

The demand for Water Based and Water Bourne paints as they are also referred to, is a growing area of coatings manufacture.

Water based coatings have advantages and disadvantages in comparison with Solvent Based products.

Advantages

These include large reductions in the VOC (Volatile Organic Compounds) content of paint. VOC's are recognised to damage our environment and are levels are regulated in law

Users are being regulated to reduce the VOC levels in the paints they use by product type and sector, where possible changing to lower VOC containing products such as water based coatings.

Water based coatings will normally be less flammable so storage is easier and in general will be lower in odour than solvent based (this is not always the case with some water based products.)

Most water based coatings are either ready for use or thin with water so reducing the purchase of solvent based thinners.

Coverage tends to be slightly better with water based coatings

Water based coatings tend to have good adhesion to a wide range of substrates

Disadvantages

Water based paints tend to be more expensive for like for like products, but this is likely to change as their usage increases.

The application environment of water based coatings needs to be closely controlled, they need stable temperatures, not too cold and also not too humid to dry effectively. Airflow is also important.

As a general rule water based coatings are less durable on a like for like basis than solvent based, having said that two pack water based will give greater protection than most single pack solvent based.

Water based paints need to be stored in a dry and warm environment and must be protected from frost.

Water based coatings need the surface they are being applied onto, to be extremely clean otherwise surface imperfections will be seen.

Waterbased - Metal

FR22 Water Based Blast Primer

Water borne acrylic
Excellent overcoating properties
Weldable up to 25-30 Microns
Fast dry
For use on automatic plant
Ease of use
Resistance to mineral cutting oils
Temporary protection of steel stock
Prefabrication Primer
Steel and iron fabrications

Synergy Brand

FR21 Waterbased Primer Finish

Single pack Aqueous Acrylic OCF
Zinc Phosphate anti-corrosive pigments
Good adhesion to range of substrates
Fast dry and early water spot resistance
Tough flexible exterior durable coating
Accommodation Units
Steel fabrications
Plant and machinery
Waste Containers
For airless spray application, brush & roller

Synergy Brand



Hydroprime 1K Primer

Water Based 1K Primer
Excellent adhesion, build and levelling
Good anti corrosion resistance
Fast through drying
Intended for protection of internal coating of steel

HMG Brand

LMP Water based finish Single Pack

High quality 1K Acrylic water based finish
Excellent drying characteristics
Touch dry 30-60 minutes
Adhesion to wide range of substrates
Spray and brush application
Alternative topcoat to solvent based alkyd enamels for internal steelwork

HMG Brand

Hydroprime 2K

Waterbased 2 Pack Epoxy Primer
Suitable for GRP, many rigid plastics and metal substrates subject to sample testing.
Rail Approvals
Fast curing
Wet on Wet application possible

HMG Brand

Hydrothane 2K

Very high quality water based 2pack Polyurethane finish
For use in conjunction with Hydroprime 2K
Anti Graffiti coating
Rail approvals
Very marr and scratch resistant
Wide colour range available
Can be used directly to certain rigid plastics

HMG Brand



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Water Based - Multisurface & Plastics



FR20 Multi Surface Water Based Coating

Adheres directly to Galvanised Steel
Carbon Steel, Aluminium, Platisol
Cladding, glass, ceramic tiles, GRP
Also many rigid plastics.
Also Concrete and masonry
Non Toxic and lead free
RAL, B.STD and matchings
Attractive Sheen finish
Application by Airless/ Air assisted Spray,

Synergy Brand



PLW16 Waterbased Coating for PVC

Flexible coating for PVC
Can be applied to Foamex
Also used on Bouncy Castles
Aqueous, non toxic, non flammable
EPA compliant
Excellent adhesion
UV stable
Good flexibility
Fast touch dry 15 mins
Excellent coverage
Easily Recoatable
Increased milage in comparison to solvent based

Synergy Brand



PLW17 Water Based Coating for Polyurethane

Coating for Flexible & Rigid PU components
Good flow and Marr resistance
Quick dry 15 mins
Easily Recoated
Can be stored and transported easily
1,000's of colour options
Brush or spray application

Synergy Brand

Waterbased - Wood

Synergy WB1 Waterbourne Finish

Internal Joinery & furniture
Ultra Modern Waterbourne Formulatio
Fast Cure, Excellent Flow & Recoatability
Excellent coverage and opacity
Polishable to >90%
BS 6222-3:2017 Cert 2K option (Kitchens)
Clear version available
All popular colour ranges
Primer also available

Synergy Brand



Exterior Hardwood System

Microporous System for Hardwoods
Waterbourne system
First Coat clear sealers
For Broad Leaf IMW4400 and Conifer
IMW 4000 Impregnating Agents
Pigmented Sealer FWP630 White Water
Use in solid colour system
Topcoat
OWP 230 White Satin
OWP Colour Topcoat Satin
OWP 750 Clear satin

Sirca Brand

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