



HMG Defence and Industrial Coatings



HMG Paints is the UK's largest independent manufacturer of paints and coatings. HMG produce a wide range of high quality industrial coatings for practically every purpose. Pexa and HMG Paints have worked together for many years and Pexa is the authorised distributor for HMG's range of coatings for the defence industry.

HMG's product range includes corrosion resistant primers, functional topcoats including CARC and IRR materials approved to UK defence standards. Important specifications such as Def Stan 80-225, Def Stan 00-72 and STANAG 4360 are available. Pexa provides a full sales and delivery service combined with post sale technical support and training.

Applications

With such a wide range of products including single and multi-pack coatings HMG have paints suitable for nearly every purpose. Equipment such as containers, trailers, vehicles, bridges and armour can all be coated with HMG Paints. HMG provide a full range of fluid resistant 2 component products as well as single pack primers, enamels and water based products for new and legacy specifications.

Compliance and Sustainability

All products conform to the relevant defence specifications. In most cases high solids or water based equivalents are available to reduce solvent emissions. The Def Stan 80-225 system offers a fully chromate free primer suitable for all substrates. Pexa manages export licences and end user documentation to ensure compliance with export restrictions.

Technologies

The Def Stan 80-225 system is a fully IRR finish, meeting the important British Standard colour references BS381C285 NATO Green and BS381C361 Light Stone. This system is tested and approved by the UK MoD to the CARC requirements of Def Stan 80-225 and STANAG 4360. Test reports and certificates are available on request.

Types of coating

- Wash Primers
- Epoxy Primers
- Alkyd Primers and Finishes
- Enamels
- Wood Coatings
- 2K CARC Coatings
- Anti Slip Coatings



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Key Specification Data

Spec	Description	Colour
Primers		
BSX32	Wash (etch) Primer	Green
Def Stan 80-15	Wash (etch) Primer	Green
Def Stan 80-114	Air Drying Primer	Grey
Def Stan 80-134	2K Epoxy Primer	Off White
Def Stan 80-161	2K Chromate-Free Epoxy Filler	Light Grey
Def Stan 80-225 Type 1 (206)	2K Epoxy Primer	Off White
Def Stan 80-225 Type 2 (207)	2K Epoxy Primer	Grey Green
Topcoats		
Def Stan 80-41	Alkyd Camouflage Topcoat	BS381C285 NATO Green
Def Stan 80-54	Fuel Resistant General Finishing Paint Gloss	Any
Def Stan 80-72	Acid And Alkali Resistant Topcoat	Any
Def Stan 80-134 T2	2K Epoxy Topcoat (plus additive)	Dk Adm Grey BS381C632
Def Stan 80-161	2K Epoxy Topcoat	Any
Def Stan 80-178	Micaceous Iron Oxide	Flint Grey 00A09
Def Stan 80-225 (208)	2K PU IRR Topcoat CARC	BS381C285 NATO Green, BS381C361 Light Stone, Black, White
Others		
Def Stan 80-9	Paint Finish Aluminium	Aluminium
Def Stan 80-25	Paint Finish For Ammunition SG	Various
Def Stan 80-37	Red Oxide Finishing Paint	BS381C446
Def Stan 80-38	Paint Thinners	NA
Def Stan 80-50	Alkyd Stoving Vehicle Paint	Various
Def Stan 80-55	Quick Drying Ammunition General Service Paint	Various
Def Stan 80-56	Small Arms Stoving Lacquer	Black
Def Stan 80-67	Cleaning Solvent (Gun Wash)	NA
Def Stan 80-68	Marking Paint	Various
Def Stan 80-69	Marking Paste	Various
Def Stan 80-103	Varnish Clear	Clear
Def Stan 80-125	Water Based Paint For Canvas	Various
Def Stan 80-129 Type 2	Insulating Varnish	
Def Stan 80-134, 80-213	Non Slip Additive Alu Oxide 60/80 Grit	NA
Def Stan 80-141	Heat Resistant Paint	Black
Def Stan 80-164	Fluorescent Paint	Fire Orange (and others)

Many other specifications are available. Please contact us.



Pexa is a supplier of high technology materials to the aerospace, defence, electronics and energy industries.

We are trusted partners of brand leading industrial product manufacturers; we employ progressive supply chain systems to deliver our promises. Our mission is to assist our customers to meet their own business objectives using our products and services; these products include surface finishing materials, aircraft maintenance products, application equipment and unique packaging solutions.

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