

First Class Global Service and Support

At PPG Aerospace, our network of Application Support Centres (ASC's) is key to providing one worldwide source of global customer support. We are conveniently located to offer global capability from a regional base that improves delivery of our products and brings technical resources closer to you.

Each ASC is staffed by technical support specialists who can quickly provide the information you need on any PPG Aerospace product, with real commitment to rapid and responsive customer service.

Application Support Centres

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PPG Aerospace

Where Smart Solutions Take Flight™

www.ppgaerospace.com

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**Coatings Systems for Military Vehicles
and Ground Equipment**





PPG Aerospace Coatings for Military Equipment



PPG Aerospace is one of the worlds leading suppliers of military and land-based defence coatings, with over 50 years experience in providing products for use on military ground equipment.

We offer one of the most complete range of military coatings from any one source, providing products for all military equipment, from small vehicles to main battle tanks.

Our brand name is synonymous with quality, high-performance and innovation in an ever-changing market place and our unique range includes:

- Low VOC Camouflage Coating System – CARC Resistant
- Conventional Solids Camouflage Coatings Systems
- Temporary Camouflage Coatings Systems
- Infra Red Reflective Systems



Low VOC Camouflage Coatings System - CARC Resistant

PPG Aerospace's system utilises the latest coatings technology to provide:-

- VOC Compliant Coatings
- CARC Resistance in accordance with STANAG 4360 and 4477
- Fast drying for productivity benefits
- Ease of use in a range of industrial environments

Part number	Description	Specification
PR30B	Water Resistant Etch Primer	BSX 32
CA7040	Low VOC High Solids Primer, Zinc Phosphate - Grey	Def Stan 80-206
CA7041	Low VOC High Solids Primer, Zinc Chromate - Grey Green	Def Stan 80-207
CA8360	Low VOC PU Topcoat CARC Near Matt - IRR (7-10°)	Def Stan 80-208
CA8311	Low VOC PU Topcoat CARC Matt (<5°)	BS2X34A&B
CA8351	Low VOC PU Topcoat CARC Semi-Matt (12° - 18°)	BS2X34A&B
CA8321	Low VOC PU Topcoat CARC Semi-Gloss (40° - 60°)	BS2X34A&B
CA8300	Low VOC PU Topcoat Gloss (>80°)	Def Stan 80-209
FP34	Low VOC PU Topcoat Non Slip - IRR Nato Green	Def Stan 80-213
PR1432	Anti-Chip Rubber Coating	Mil-PRF-81733



Conventional Solids Camouflage Coatings System

In many situations, there may still be a need for conventional solids camouflage systems and PPG Aerospace has a full range of products available, which meet a wide range of European specifications and camouflage colour requirements.

4232 System

Part number	Description	Specification
N54628/MB518	Wash Primer	WL5.7002 & TPF8010-0018A
N53565	Epoxy Primer Chromated	WL5.7011 & TL8010-0001 II/4
5809 -1011	Epoxy Primer Chromate Free	WL5.7139 & TL8010-0001 II/4
4232 Series	Polyurethane Topcoats	WL 5.7054 & TL 8010-0002 II/7 TPF 8010-0312

PU88 System

Part number	Description	Specification
Celopox 2000SC	Chromate Free Zinc Phosphate Epoxy Primer	DAT C8010X0003
PU88 Series	Polyurethane Topcoats	DAT C8010X0003

FE85M System

Part number	Description	Specification
PR30B	Wash Primer	BS2X32
PR219	Zinc Chromate Epoxy Primer	Def Stan 80-189
PR148	Zinc Phosphate Epoxy Primer	Def Stan 80-184
FE85M	Polyurethane Topcoats	Def Stan 80-166



CA1314 Temporary Camouflage System

In recent years the demands on modern armed forces have changed rapidly with an ever-increasing emphasis on rapid deployment to a wide range of environments. These changes led to the development of PPG Aerospace's Temporary Camouflage Coatings.

These environmentally friendly coatings allow for the rapid change of vehicle camouflage colour in a cost effective manner and provide a durable high performance coating that will perform in the harshest of environments, but can be easily removed when the vehicle returns or is moved to a different operating environment.

CA1314 meets the performance requirements of Def Stan 80-215 and is available in a wide range of colours for military applications.



Customer Benefits

- Rapid change in appearance
- Ease of application
- Ease of removal
- Excellent in Service Performance

Product Features

- Fast Drying
- Wide Colour Range (including IR)
- Low VOC (Water-based)
- Compatible with CARC Topcoats
- No special application equipment required – can be applied in the field

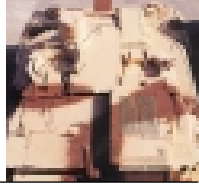


Infra Red Reflective Systems



PPG Aerospace has the capability to supply a wide range of systems offering a variety of spectral effects. These include: -

- Visual Camouflage
- Customised Infra Red Reflectance in the near Infra Red Range which can produce:
 - Solar Heat Reflecting Coatings – used for reducing solar absorbance on military equipment where there is a need to minimise heat uptake. For dark green and grey colours, this system can offer a reduction in surface temperature from 40 – 60%
 - Infra Red Reflecting Coatings – customisation of Infra Red reflectance to match a specific operating environment, eg. local vegetation or terrain
 - Low Infra Red Reflecting Coatings – minimisation of Infra Red Reflectance
- Low Emmissivity Coatings – reduction of Infra Red Reflectance in the 3 - 5 and 8 - 13 micron range
- Radar Absorbing Coatings



European Product Approvals



UK

- BSX 32 • BS2X34A&B • Def Stan 80-206 • Def Stan 80-207
- Def Stan 80-208 • Def Stan 80-209 • Def Stan 80-213
- Mil-PRF-81733



Holland

- WL5.7002 • WL5.7011 • WL5.7139
- WL 5.7054 • TL8010-0001 II/4
- TL 8010-0002 II/7 • TPF8010-0018A
- TPF 8010-0312



Poland

- NO-80-A200



France

- DAT C8010X0003



Germany

- WL5.7002 • WL5.7011 • WL5.7139 • WL 5.7054 • TL8010-0001 II/4
- TL 8010-0002 II/7 • TPF8010-0018A • TPF 8010-0312

