



Hentzen Defence and Military Paints and Coatings



Pexa is the authorised distributor of Hentzen defence and aerospace coatings and offers a full service for product selection, delivery and application support. Founded in 1923, Hentzen is the leading specialist manufacturer of defence specification coatings and is qualified across the full spectrum of Mil and DoD standards.

Hentzen was the first company to develop a lead and chromate free paint system for the US Army and is the largest supplier of coatings to the US Army. Also qualified to Aerospace Chrome free specification MIL-PRF-23377 Class N.



Applications

Applications include the coating of defence ground equipment including vehicles, trucks, backhoes, loaders, bridges, containers, weapons systems and ammunition.

Hentzen also offers a complete range of coatings for airborne systems in addition to a large assortment of specialty coatings including anti slip and powder coatings.

Compliance and Sustainability

Hentzen produces a full range of lead and chromate free primers and is one of the only companies qualified to deliver the Mil-PRF-23377 Class N chromate free primer. In addition Hentzen offers water based options for both primer and topcoat.

Compliance with export controls is very important. Pexa and Hentzen ensure that all ITAR licences are in place and end user documentation is managed to ensure a secure supply chain.

Technologies

Important technical features for the defence industry include:

Chemical Agent Resistance (CARC)

Hentzen produces the complete range of colours complying with the CARC requirements of Mil-DTL-64159 and Mil-DTL-53039. This ensures that equipment is protected from chemical agents and they can be easily removed.

Infra Red Reflection (IRR)

In addition to visible colour matching IRR is also managed by Hentzen coatings. Reflection to match foliage and desert environments is available in a range of formulations. IRR based on the CARC 383 colour range as well as aircraft green and RAL F9 colours is available.

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Key Performance and Specification Data

Selection of Official Approvals	
Specification	Approved Coating
Wash (etch) Primers	
DoD-P-15328D	02110GVP
Mil-C-8514C	3174YVP
Epoxy Primers	
Mil-P-53030D Type 2	16834WEP
Mil-DTL-53022 Type 1 / 2 / 3 / 4	05510WEP / 04488WEP / 03848WEP / 18773WEP
Mil-PRF-23377 Type 1 Class C2 / Type 2 Class C2	AD9318-FD / AD9325
Mil-PRF-23377 Type 1 Class N / Type 2 Class N	16708TEP / 17176KEP
Mil-PRF-85582 Type 1 Class C2 / Type 2 Class C2	AD9320 / AD3247
A-A-59745	00812FEP
CARC Polyurethane Topcoats	
Mil-DTL-53039 Type 8	08605GUZ Line (aerosol touch up)
Mil-DTL-53039 Type 4 / 9	08600 Colour Series
Mil-DTL-64159 Type 2	07100 Colour Series
Powder Coatings	
Mil-PRF-32348 Type 1	P1410WEE-1
Mil-PRF-32348 Type 2	P20003KEE Line
Mil-PRF-32348 Type 3	P8605GUZ Line
Epoxy Topcoat	
Mil-PRF-22750G Type 2 Class H Grade A	16634GEF Line
Polyurethane Topcoat	
Mil-PRF-85285E Type 1 / Type 2 / Type 4	311XXAPX Line / 322XXAPX Line / 355XXAPX Line
Specialty Coatings	
Mil-P-14105E Heat Resistant	023XXXML-HF Line
A-A-59166 Type 2 Nonslip Walkway	03XXXXMZ-B Liine
Mil-C-450C Bituminous	04999KMM
Mil-PRF-81352 Type 1 Acrylic	1XXXXXLE Line



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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