

HENTZEN DEFENCE AND MILITARY PAINTS AND COATINGS



OUR KEY PARTNERS



APPLICATIONS & VALUE ADDED PRODUCTS



ADDEV Materials 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. ADDEV Materials 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.

Key Performance and Specification Data

SELECTION OF OFFICIAL APPROVALS

Specification	Approved Coating
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WASH (ETCH) PRIMERS

DoD-P-15328D	» 02110GVP
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Mil-C-8514C	» 3174YVP
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EPOXY PRIMERS

Mil-P-53030D Type 2	» 16834WEP
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Mil-DTL-53022 Type 1 / 2 / 3 / 4	» 05510WEP / 04488WEP / 03848WEP / 18773WEP
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Mil-PRF-23377 Type 1 Class C2 / Type 2 Class C2	» AD9318-FD / AD9325
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Mil-PRF-23377 Type 1 Class N / Type 2 Class N	» 16708TEP / 17176KEP
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Mil-PRF-85582 Type 1 Class C2 / Type 2 Class C2	» AD9320 / AD3247
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A-A-59745	» 00812FEP
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CARC POLYURETHANE TOPCOATS

Mil-DTL-53039 Type 8	» 08605GUZ Line (aerosol touch up)
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Mil-DTL-53039 Type 4 / 9	» 08600 Colour Series
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Mil-DTL-64159 Type 2	» 07100 Colour Series
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POWDER COATINGS

Mil-PRF-32348 Type 1	» P1410WEE-1
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Mil-PRF-32348 Type 2	» P20003KEE Line
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Mil-PRF-32348 Type 3	» P8605GUZ Line
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EPOXY TOPCOAT

Mil-PRF-22750G Type 2 Class H Grade A	» 16634GEF Line
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POLYURETHANE TOPCOAT

Mil-PRF-85285E Type 1 / Type 2 / Type 4	» 311XXAPX Line / 322XXAPX Line / 355XXAPX Line
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SPECIALTY COATINGS

Mil-P-14105E Heat Resistant	» 023XXXML-HF Line
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A-A-59166 Type 2 Nonslip Walkway	» 03XXXXMZ-B Line
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Mil-C-450C Bituminous	» 04999KMM
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Mil-PRF-81352 Type 1 Acrylic	» 1XXXXLE Line
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