



CeRam-Kote 54® was a natural choice to protect areas of the weapons' bay of the F-22 Raptor. Critical areas within the bay exposed to high heat and abrasion from missile launches are now protected with CeRam-Kote 54®.

Aviation Industry

CeRam-Kote 54® is a thin-film, spray applied and air cured ceramic epoxy system engineered to provide abrasion and corrosion protection to all metals, composites, plastics and concrete. It resists caustics as well as most acids, petroleum distillates and solvents. CeRam-Kote 54® is an environmentally compliant material. It contains no lead, chrome or isocyanates and bears a VOC rating of 1.63 lbs/gal or 198 g/l. This is well under EPA requirements and makes it a very attractive alternative for aerospace, industrial and support equipment as well as marine applications.



These properties combine to make CeRam-Kote 54® a natural choice for use on aircraft leading edges where wind and rain erosion occurs. CeRam-Kote 54® is approved for use on the leading edges of F-15, F-16 and C-130 aircraft and several areas of the F-22. Information on approval and use can be found in the specific aircraft technical publications.

BF Goodrich Aerospace published a repair procedure mandating the use of CeRam-Kote 54® on several models of Boeing, Airbus and Bombardier aircraft engine cowl doors. Numerous commercial aircraft are utilizing the coating in a variety of other areas to include reverse thruster panel edges, aircraft main entry doors, landing gear door edges and other high abrasion and wind erosion areas.

SPACE AGE PERFORMANCE



Aviation Industry

CeRam-Kote 54®
protects
expensive and
critical service
equipment in the
most severe
environments.

The following Federal Standard 595B colors have been assigned Federal Stock numbers.

Grey 36270

- 8010-01-423-0394 KT (QT)
- 8010-01-423-0393 KT (GL)

Grey 36118

- 8010-01-423-0392 KT (QT)
- 8010-01-423-0398 KT (GL)

Grey 36375

- 8010-01-423-0399 KT (QT)
- 8010-01-423-0397 KT (GL)

Grey 36251

- 8010-01-423-0402 KT (QT)
- 8010-01-423-0400 KT (GL)

Grey 36173

- 8010-01-423-0403 KT (QT)
- 8010-01-423-0404 KT (GL)

Black 37038

- 8010-01-441-5884 KT (QT)
- 8010-01-441-5886 KT (GL)

Green 24052

- 8010-01-441-5878 KT (QT)
- 8010-01-441-5882 KT (GL)

Coating ordered by stock number through GSA will be shipped direct from the manufacturer to the ordering unit. Military/Government customers may also order direct from Freecom using the IMPAC card. To order by credit card, please contact CERAM-KOTE direct at 1-800-346-4299. Freecom accepts Visa®, MasterCard®, American Express and Discover® as well as the IMPAC card.

On site training for mixing and application of CeRam-Kote 54® is available for all customers. Training is provided by CERAM-KOTE factory trained and certified personnel. For additional information on training or application procedures, contact CERAM-KOTE's Military division representatives:

Barry Miller (800) 543-2326

e-mail: millerkmr@cox.net

Kate Kubernach (800) 799-2998

e-mail: katekmr@cox.net



CeRam-Kote 54® Facts

- Applied by brush, roller or conventional spray equipment with minimal training.
- Mixed and applied using standard equipment and facilities.
- Useable in areas subject to NDI inspections using x-ray, ultra-sound and eddy current methods.
- Removable by plastic media blasting, medium/high pressure water blasting or chemical paint remover.
- Color matched to almost any color desired in flat and semi-gloss finishes.
- Environmentally friendly with low VOCs and no lead, chrome or isocyanates.
- Easily touched up if damaged.
- 80% cured in 12 hours. 100% cured in 48 hours for fast turnaround times.

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