

Mil-Specs and Paint Application Specs Met by Prime Products

Prime Products has expertise in the application of a wide variety of paints that are manufactured to meet military specifications, including the following:

Mil-Spec	Definition
DOD-P-15328	Pretreatment wash primer for use on clean metal surfaces prior to application of the coating, used to increase adhesion
MIL-DTL-53039 (supersedes MIL-C-53039)	Aliphatic polyurethane coating, one-component, polymeric flattened, chemical agent resistant. Used on military tactical equipment. Lead- and chromate-free.
MIL-PRF-22750 (supersedes MIL-C-22750)	Epoxy coating, two-component, high solids, maximum VOC 340 grams/liter. Lead and chromate free.
MIL-PRF-23377 (supersedes MIL-P-23377)	Epoxy Primer Coating, corrosion inhibiting, chemical and solvent resistant, solvent-borne, high-solids epoxy primer coatings that have a maximum VOC content of 340 grams per liter.
MIL-PRF-85285 (supersedes MIL-C-85285)	Polyurethane coating, maximum VOC 50-420 grams/liter (depending on type).
MIL-PRF-85582 (supersedes MIL-P-85582)	Epoxy primer, corrosion inhibiting, chemical and solvent resistant, waterborne, maximum VOC 340 grams/liter.
MIL-DTL-14072 (supersedes MIL-F-14072)	Finishes necessary to protect ground electronic equipment from the deteriorating effects of climatic conditions encountered in military use.
TT-P-1757	Primer: one-component, alkyd-base, corrosion-inhibiting.

The following **Paint Application Specifications** from some of the larger aerospace primes are used by Prime Products in determining how military and other certified paints are to be applied to their products. In the absence of an application specification, Prime Products will apply its own specification, 7016, which defines our internal procedures for paint application.

Customer Spec	Definition	Specified by:
M4065816	Manufacturing Specification for Application of Polyurethane Coatings	Honeywell
580-0165	Process, Finish, Paint (Lacquer)	Rockwell Collins
580-0194	Process, Paint, Epoxy	Rockwell Collins
580-0328	Process, Finish, Paint (Fluorescent Enamel)	Rockwell Collins
580-0564	Process, Paint, Enamel	Rockwell Collins
580-0709	Process, Paint, Polyurethane	Rockwell Collins
580-5482	Process, Coating, Polyurethane	Rockwell Collins
BAC5325	Application of Non-Chromate Primer on Composite, Plastic, Titanium and CRES Surfaces	Boeing
BAC5837	Preparing Exterior Plastic Surfaces	Boeing
001-00044-0000	Paint and Ink Specification	Honeywell
7016	Spray Painting	Prime Products

