

D-ZOLVE 1220 PAINT AND CARC REMOVER

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DESCRIPTION

D-Zolve 1220 is a water borne system which efficiently removes several layers of aircraft and other paints including epoxy primer with cross-linked polyurethane top coats including MIL-PRF-23377. It also removes topcoats with high solids content fluoride and other high solids content polyurethanes. D-Zolve 1220 is particularly effective for removing CARC (chemical agent resistant coatings).

Superior Performance

D-Zolve 1220 can be safely used with aluminum, magnesium, stainless steel, carbon steel, cadmium coated steel, and titanium. D-Zolve 15-33R breaks the bond between the substrate and the primer. Once this bond is broken, a secondary action causes the paint to be able to be removed by water jet or squeegee. D-Zolve stays and keeps moist for 48 hours but benefits from being wrapped in plastic wrap or sheeting during its dwell time.

PROPERTIES

PROPERTY	VALUE
Color	Blue
Specific gravity (@68 °F)	1.01-1.05 g/cc
Application	Brush, spray
Viscosity	35,000-40,500 cps
pH	< 3
Flash Point	>93 °C
Dwell Time	Overnight to 24-48 hours

APPLICATION

To maximize efficiency and reduce waste, D-Zolve 1220 exhibits a long active life and slow rate of evaporation. It displays excellent clinging properties on vertical surfaces and the undersides of wings and fuselage.

D-Zolve can be easily sprayed using an airless spraying system. To reduce overspray, a non-atomizing tip is recommended. D-Zolve can also be applied with a brush and smoothed out with a plastic spatula. Applying a generous thickness is recommended.

Once the paint has lifted, it can be removed with a rubber squeegee or high pressure water. The stripped surface can be rinsed with water. Paint lifting can be accelerated by elevating the surface temperature to 85°F/29°C. Wrapping the coated parts with plastic film will accelerate the stripping action.

HEALTH AND ENVIRONMENTAL FACTORS

Designed to minimize health and environmental risks, D-Zolve 1220 is non-carcinogenic, non-flammable, non-acidic, and contains no chlorinated components. It has minimal or no hazardous air pollution potential.

D-Zolve 1220 is designed to serve as a high performance, safe replacement for methylene chloride that does not structurally degrade aircraft metals.

The US Federal Aviation Administration recommends that most non-metallic materials such as tires, electrical insulation, canopies, fiber reinforced composite materials, some sealants, synthetic rubber parts, and acrylic plastics be protected against possible contact with any paint remover.