



*Now acquired/branded **Cutter Aviation**

WingsPoint Aviation Services

McKinney Airport
McKinney, TX 75069
972-562-5555, ext. 260



Floor Being Shot Blasted



Loading Blast Equipment/
Blasting Complete





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REDFORD Corporation Crack Filler E31-1204
 1075 Kingswood Drive • Kingswood, Texas 77339 • (281) 358-4100

Instructions for use
 For best results, apply over a dry, warm surface. If exposed to the elements, do not apply within 24 hours of forecast rain, or if the surface or temperature is expected to fall below 50° F (10° C).

Preparation
 Remove all contaminants, such as dirt, dust and other loose material with high pressure water, steam, scoring, degreasing, or acid etching. The compressed air or long drying time to ensure that all cracks are thoroughly dry.

Application
 Use a 1/2" to 1" taping knife to mix equal parts of A and B in a plastic pan in a similar container, and loading consistency is retained.
 • Cover cracks immediately after opening.
 • Use the same amount to fill cracks, wiping off the excess.
 • Embed filler into the fill area along the 1/2" to 3/4" back setting time. The filler must cure for a minimum of 4 hours before covering with spalls or surface coatings.
 • Use all mixed material within 15 to 20 minutes of mixing. Cleanup with water, MIBC, or acetone.

Curing time
 Depending on surface temperatures, the filled crack will dry to touch in about 4 hours. Allow 12 to 24 hours of cure time before treading.



REDFORD Corporation Epoxy Coating E31-1202
 1075 Kingswood Drive • Kingswood, Texas 77339 • (281) 358-4100

HANDLING
 Mix ratio 2:1 (A:B) parts by volume
 Mixed viscosity 700 cps
 Potlife (no sand) 60 minutes (200 grams @ 25 °C)
 Color Clear, grey, beige, and white
 Coverage Mortar approximately 50 sq. ft. @ 1/8"

TECHNICAL INFORMATION
 Ultimate tensile strength (psi) 8700
 Tensile elongation (%) 3.1
 Ultimate flexural strength (psi) 16,100
 Compressive yield strength (psi) 13,800
 Hardness (Shore D) 88

RISK REDUCTION
 E31-1202 is a low viscosity, water-clear, or pigmented, 100% solid epoxy specifically designed as a high performance color coating for areas where no residual moisture exists. Outstanding features include:
 • good abrasion/light resistance compared to most formulated epoxies
 • convenience
 • excellent chemical resistance
 • enough wet up reducing downtime during application
 • good color development
 • high abrasion resistance
 • excellent adhesion

AVAILABILITY
 Packaged in three gallon units, six gallon units, 15 gallon units, and drum units. For more information, including prices, call REDFORD Corporation (281) 358-4100.

APPLICATION
 If needed, special technical bulletins customized to your application will be prepared, including Preparation of concrete specifications for application of epoxies and Using epoxies for overlays.

Customer Information
 Prior to any application to masonry, in confined areas, use fresh air-circulated hood. In well-ventilated or open areas, use a chemical cartridge box mask or half mask in accordance with OSHA standard for specific vapors and vapor concentrations. Protect skin and eyes from contact and contact. Avoid prolonged breathing of vapors and mists. Remove from face, hands, and open areas. Wash hands thoroughly after sanding and before eating or drinking. If inhaled, if swallowed, do not induce vomiting. Drink 1 to 2 glasses of water and call physician or poison control center immediately.





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KEDFORD Corporation		U31-1201 Linear Urethane
<p>Description: REDFORD Corporation U31-1201 Linear (aliphatic) urethane is a line of high performance coating formulated for maximum chemical and abrasion resistance on aircraft hangar concrete floors. Other successful areas include a variety of concrete surfaces as its performance is most highest of all commercially available coating types.</p> <p>Features and benefits:</p> <ul style="list-style-type: none"> • Excellent wear, abrasion and chemical resistance • Excellent light reflectance • Easy to clean • Non-solvent based • Non-solvent based • Meets VOC regulations of 540 g/liter <p>Preparation: Apply coating to clean, moist substrate. Deterj with or glass cleaner will be difficult to use and may cause delamination. It is often helpful to put a rough profile on the concrete to ensure a good mechanical bond. After blasting with light steel shot blast, wet brooding or acid washing can reduce the residual dust. Surfaces should be evenly dampened and free of moisture.</p> <p>Application: Apply with medium nap roller, brush, or spray. If necessary, reduce with diluter. For a dry film surface, immediately brood or sandblast to remove the wet coating. Broodblast to 100 microns of coating application.</p> <p>Maintenance: For long term floor preservation and care, we recommend REDFORD Corporation U31-1201. Frequency of brooding is 100 times with 100 microns of brooding. Black floor pads, or light pads, or mopheads. If you use a floor machine, we recommend using brooding head capability of 100 gpm for the dry brooding coating system. Mechanical brooding will destroy the floor if not done the coating.</p> <p>Chemical resistance: Urethane resin is resistant to most acids and alkalis. It is not recommended for use in areas where it will be subjected to contact with strong acids. It is not recommended for use in areas where it will be subjected to contact with strong alkalis. It is not recommended for use in areas where it will be subjected to contact with strong solvents. It is not recommended for use in areas where it will be subjected to contact with strong abrasives. It is not recommended for use in areas where it will be subjected to contact with strong impact.</p>		
Type:	Two part	Typical Properties
Substrate:	Concrete	High performance polyurethane
Coverage:	250 to 500 sq. ft. per gallon depending on porosity of substrate	
Shelf life:	4 to 5 years at 70°F, longer at lower temperatures	
Cure schedule:	Walk foot 2 to 5 hours Drive 4 to 24 hours Light traffic 12 hours Full cure 2 to 3 days (Temperature above 70°F)	
Film thickness:	Recommended 1 to 3 mils wet	
Mix ratio:	2 to 1 by volume	
Shelf life:	1 year	
Color:	Transparent High gloss	
Color:	Clear, light grey, dark grey, red, brown, blue, black, and special colors such as safety yellow	



Finished Floor/U31-1201 (December 2004)