

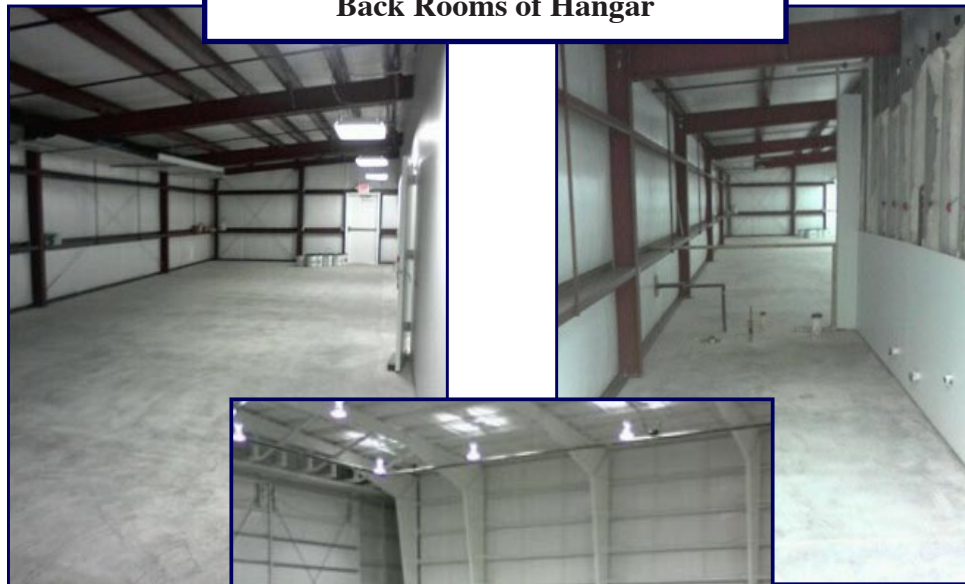


INVESTMENTS

Flying Investments
4564 South School Avenue
Fayetteville, AR 72701

Offering aircraft management services, a joint ownership program, research/development/testing of new products, aircraft sales, Falcon 20 parts, and they own and developed the STC for the RVSM conversion on the entire Falcon 20 model line-up, **Flying Investments** has a full maintenance facility specializing in Falcon 20 aircraft, but the company expertise is not just limited to Falcons.

Back Rooms of Hangar



Main Hangar - Project Start
Located at Drake Field, in Fayetteville, AR.



FAYETTEVILLE, AR

HANGAR FLOOR
CASE HISTORY

FLYING INVESTMENTS



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FAYETTEVILLE, AR

HANGAR FLOOR
 CASE HISTORY

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Start of cleaning/etching process



Scope of Work

Preparation and application of high performance epoxy/urethane coating system (E31-1202/U31-1201) to approximately **12,000 square feet** of hangar floor area to include the following procedures:

1. Acid etch/detergent clean/power scrub.
2. Crack fill/repair floor imperfections (E31-1204)
3. Apply **E31-1202-64** epoxy primer.
4. Apply 1st color topcoat - **U31-1201** high performance urethane.
5. Apply 2nd color topcoat - **U31-1201** high performance urethane.
6. Install walkway stripe - **U31-1201**.
7. Clean up/depart.



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HANGAR FLOOR
CASE HISTORY

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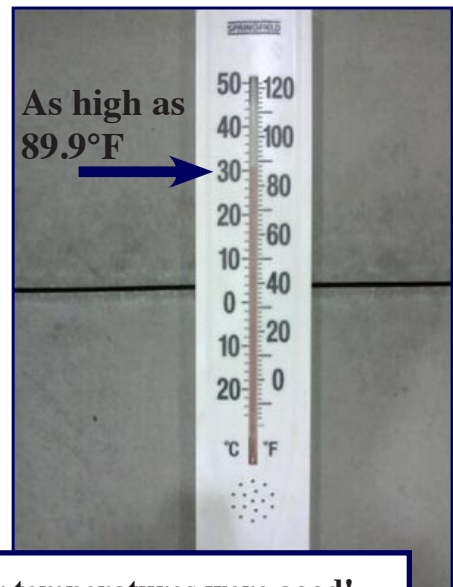
Vacuuming/drying of hangar floor



Burning/drying of control joints



89.9°
23% RH
Ambient Temperature



As high as
89.9°F

With new radiant heat working well, hangar temperatures were good!



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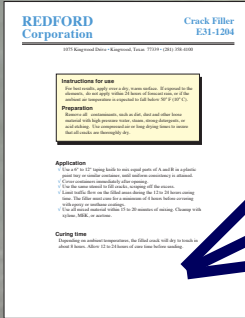
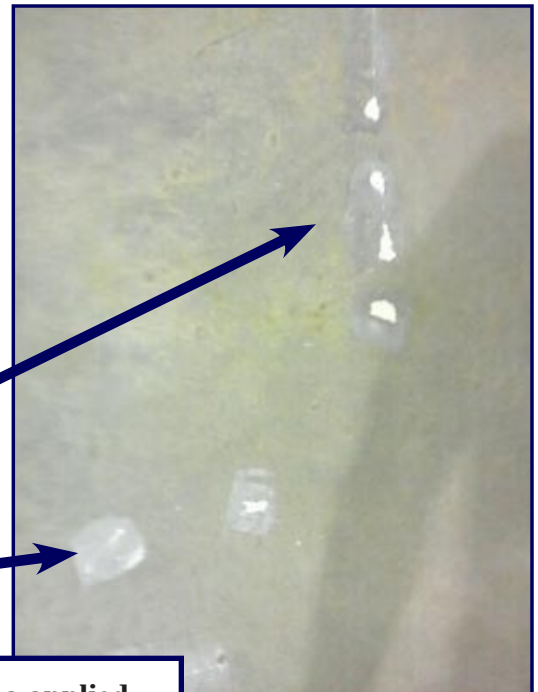
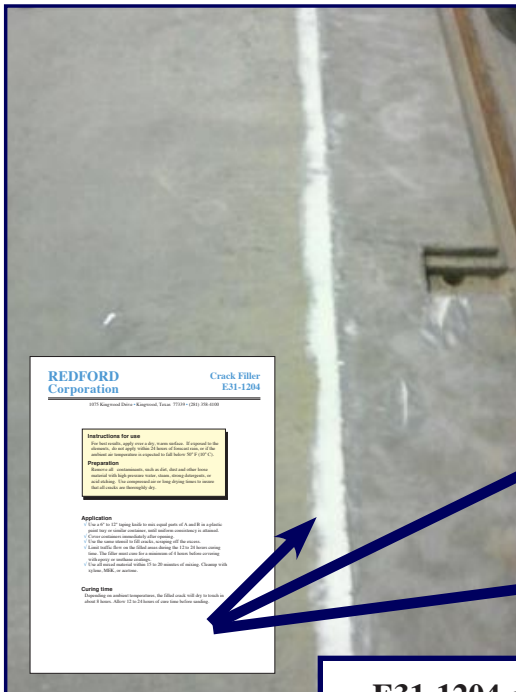
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**HANGAR FLOOR
 CASE HISTORY**

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Hand grinding wall edges



E31-1204 crack filler being applied



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HANGAR FLOOR
 CASE HISTORY



E31-1202-64 epoxy primer being applied/ 1st topcoat of U31-1201 being applied

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REDFORD Corporation **Epoxy Coating**
E31-1202-64

1075 Kingwood Drive • Kingwood, Texas 77339 • (281) 358-4100

PRODUCT DESCRIPTION:
 E31-1202-64 is a two component solvent based, low modulus weight, polyamide epoxy coating that exhibits excellent characteristics for abrasion resistance, chemical resistance, and adhesive penetration. This product is suitable as a primer for high build coatings and urethane, or as a stand alone coating.

RECOMMENDED FOR:
 Recommended for priming or coating concrete, wood or steel. This product can withstand exposure to many common solvents and chemicals.

<p>SOLIDS BY WEIGHT: Mixed: 65% (1 - 2%)</p> <p>SOLIDS BY VOLUME: Mixed: 52% (1 - 2%)</p> <p>VOLATILE ORGANIC CONTENT: Part A: 1.43 pounds per gallon Part B: 1.75 pounds per gallon</p> <p>STANDARD COLORS: White, off white, light gray, medium gray, tile red, and beige</p> <p>RECOMMENDED FILM THICKNESS: 5-6 mils per coat wet thickness (yields 3 mils dry)</p> <p>COVERAGE PER GALLON: 287 to 320 square feet @ 5-6 mils wet thickness</p> <p>PACKAGING INFORMATION: 2 gallon and 10 gallon kits (volume approx.), 2 gal kit = 1 gallon part A (8.5 gal) (weight approximate) and 1 gal. part B (11.0 gal) (weight approximate)</p> <p>MIX RATIO: 1 part A to 1 part B by volume</p> <p>SHELF LIFE: 1 year</p> <p>FINISH CHARACTERISTICS: Semi gloss (30-60 at 60 degree @ Erichsen glossmeter)</p> <p>ABRASION RESISTANCE: Taber abrasion CS-17 abrasive wheel with 1000 gram total load and 500 cycles = 302 mg loss</p> <p>IMPACT RESISTANCE: Gardner Impact: 50 in. lb. (passed)</p> <p>FLEXIBILITY: No cracks on a 18" mandrel</p> <p>ADHESION: 775 psi @ 90 degree (concrete failure, no delamination)</p> <p>VISCOSITY: Mixed = 300-500 cps (typical)</p> <p>DOT CLASSIFICATIONS: Part A = FLAMMABLE LIQUID (OSHA 3, UN1993, PGH1)</p>	<p>CURE SCHEDULE (70°F)</p> <table border="0" style="width: 100%; font-size: x-small;"> <tr> <td>per 100 - 2 gallon volume</td> <td>3-5 hours</td> </tr> <tr> <td>back to 40% to 60% traffic</td> <td>2-4 hours</td> </tr> <tr> <td>repeat or topcoat</td> <td>4-6 hours</td> </tr> <tr> <td>light foot traffic</td> <td>16-24 hours</td> </tr> <tr> <td>full cure (heavy traffic)</td> <td>2-7 days</td> </tr> </table> <p>APPLICATION TEMPERATURE: 40-90 degrees F</p> <table border="0" style="width: 100%; font-size: x-small;"> <tr> <th>REAGENT</th> <th>CHEMICAL RESISTANCE:</th> <th>RATING</th> </tr> <tr> <td>acetic acid 5%</td> <td></td> <td>A</td> </tr> <tr> <td>acetic acid 10%</td> <td></td> <td>B</td> </tr> <tr> <td>alkali</td> <td></td> <td>A</td> </tr> <tr> <td>gasoline</td> <td></td> <td>B</td> </tr> <tr> <td>10% sodium hydroxide</td> <td></td> <td>E</td> </tr> <tr> <td>10% sodium hydroxide</td> <td></td> <td>D</td> </tr> <tr> <td>10% urethane</td> <td></td> <td>C</td> </tr> <tr> <td>10% hydrochloric acid</td> <td></td> <td>C</td> </tr> <tr> <td>10% nitric acid</td> <td></td> <td>A</td> </tr> <tr> <td>ethylene glycol</td> <td></td> <td>C</td> </tr> </table> <p>Rating key: A - not recommended; B - 2 hour term splash spill; C - 8 hour term splash spill; D - 72 hour immersion; E - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.</p> <p>PRIMER: None required</p> <p>TOPCOAT: Optional. Many products are suitable as topcoats including multiple coats of this product. For added chemical resistance, color stability or UV stability, topcoat with a suitable aliphatic urethane.</p> <p>LIMITATIONS:</p> <ul style="list-style-type: none"> *Colors or gloss may be affected by high humidity, low temperatures, chemical exposure, UV exposure or lighting such as sodium vapor lights. *Product is not UV color stable *For best results use a 3/8" nap roller *Slab on grade requires moisture barrier *Substrate temperature must be 5°F above dew point *All new concrete must be cured for at least 30 days *Product color will vary from batch to batch *Physical properties are typical and not specifications *Light or bright colors (white, safety yellow, etc.) may require multiple coats for a topcoat to achieve a satisfactory look, depending on the substrate *See reverse side for application instructions *See reverse side for information on fire, health, and environment 	per 100 - 2 gallon volume	3-5 hours	back to 40% to 60% traffic	2-4 hours	repeat or topcoat	4-6 hours	light foot traffic	16-24 hours	full cure (heavy traffic)	2-7 days	REAGENT	CHEMICAL RESISTANCE:	RATING	acetic acid 5%		A	acetic acid 10%		B	alkali		A	gasoline		B	10% sodium hydroxide		E	10% sodium hydroxide		D	10% urethane		C	10% hydrochloric acid		C	10% nitric acid		A	ethylene glycol		C
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E31-1202-64 epoxy primer applied to back rooms of hangar ("lean to" building)



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HANGAR FLOOR
CASE HISTORY

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U31-1201 (1st color topcoat being applied)



Installation of stripe



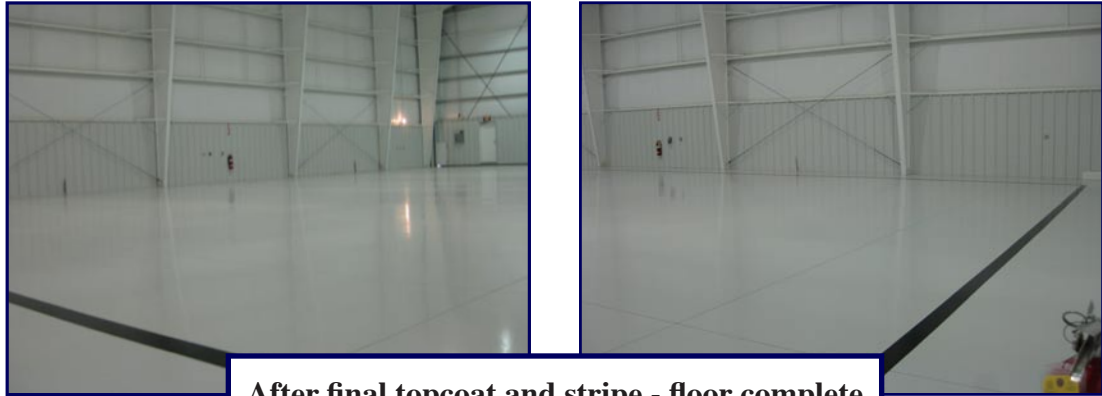
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**HANGAR FLOOR
CASE HISTORY**

FLYING INVESTMENTS



After final topcoat and stripe - floor complete



Floor Complete.



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HANGAR FLOOR
CASE HISTORY

FLYING INVESTMENTS

This space
RESERVED for
aircraft moved in.

This space
RESERVED for
aircraft moved in.