

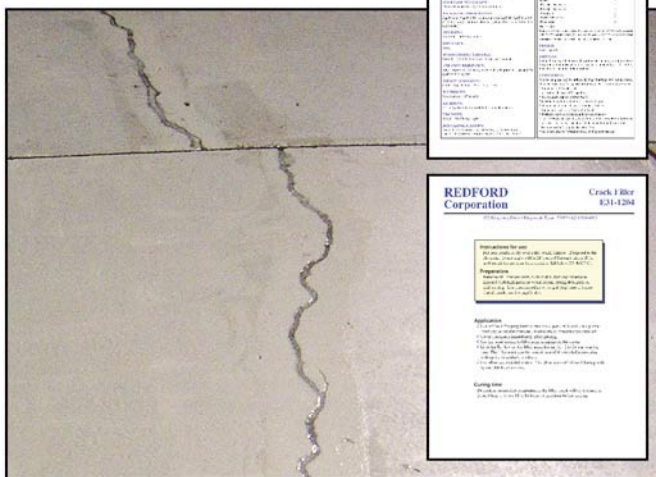
Private Corporate Hangar

Sun Valley Airport
Sun Valley, ID 83353

FLOOR CASE HISTORY

PRIVATE/CORPORATE HANGAR

An approximate 14,000 square foot hangar that was badly in need of repair from an initial coating "over 20 years ago." The general contractor was: **Grabher Construction**
P.O. Box 507
Sun Valley, ID 83353



The original coating was shot blasted, scraped/removed, and then diamond ground.



Condition of floor at project start.

SCOPE OF WORK/SPECIFICATIONS

Preparation and application of high performance epoxy/urethane coating system to approximate 14,000 square feet to include the following procedures:

1. Mechanically remove the existing coating by diamond grinding. This machine is operated on 208V, 60 amp, three-phase power and is dust and chemical free.
2. Mechanically prepare existing floor by abrading the concrete with shot blasting equipment that is water, dust, and chemical free. The machine is operated on 208V, 60 amps, or 440V, 30-amp three-phase power.
3. Power sweep the entire floor to remove any dirt or blasting debris. Vacuum clean.
4. Mechanically prepare the areas around the perimeter and all other tight areas with hand grinders. This equipment is vacuumized, but may create minimal surface dust.
5. Crack fill/repair floor imperfections (**E31-1204**).
6. Apply **E31-1202-64** epoxy primer.
7. Apply **E31-1202** (100% solids epoxy self leveling base coat).
8. Apply 1st color topcoat (**U31-1201**) with non-skid aggregate.
9. Apply 2nd color topcoat (**U31-1201**). The topcoats to be your color choice.
10. Clean up/depart.

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The old floor being removed/repared and made ready for a new, high-performance urethane finish.

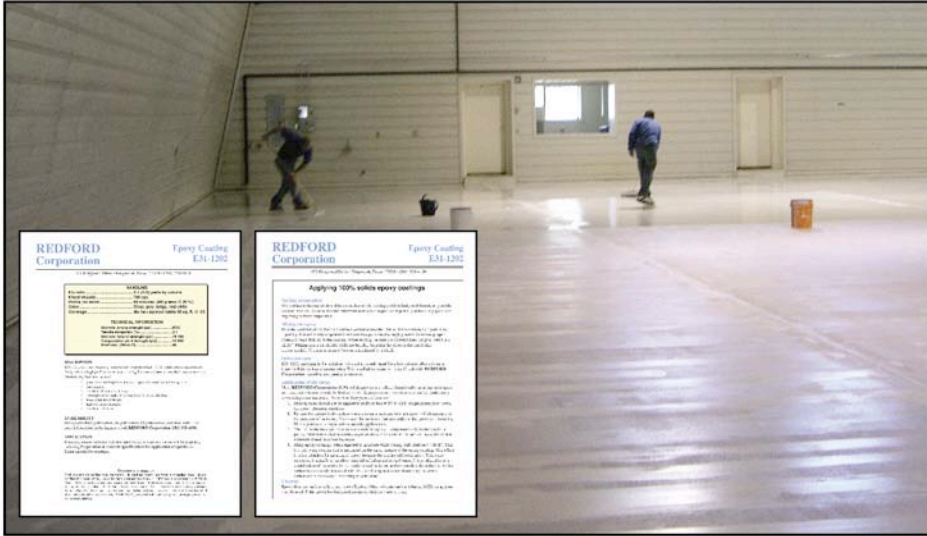


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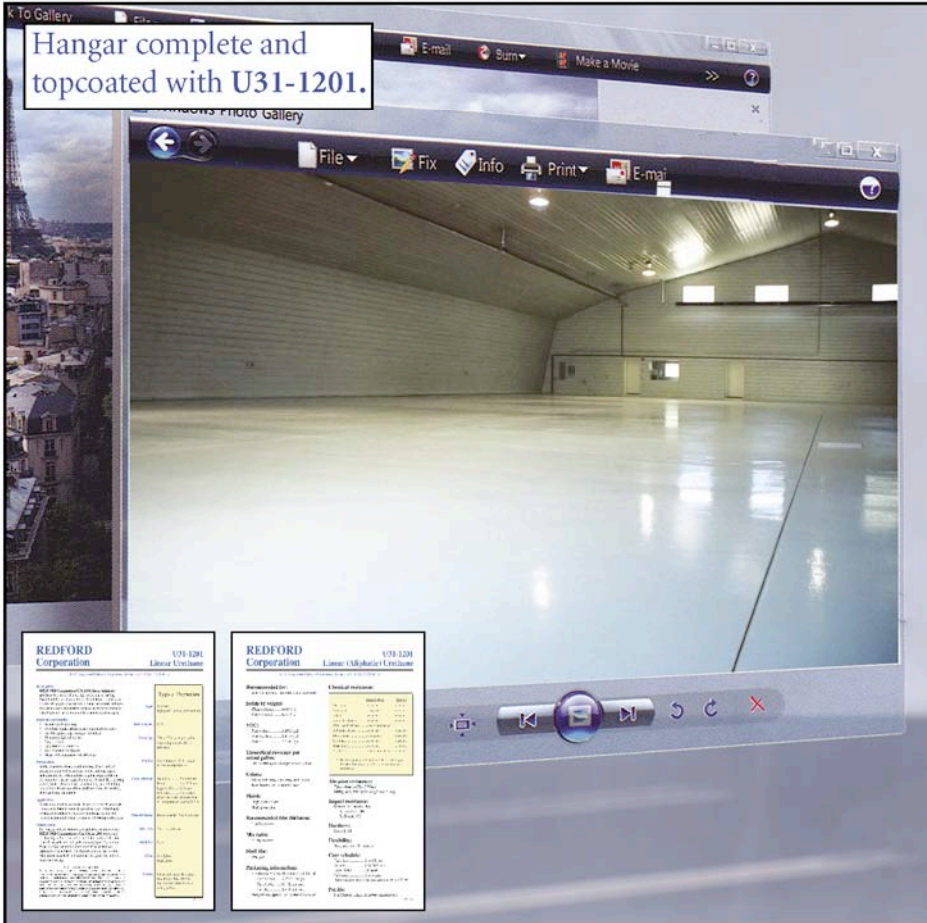
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Floor preparation complete. E31-1202 100% solids epoxy being squeegeed/backrolled to make the floor "smooth."



Hangar complete and topcoated with U31-1201.



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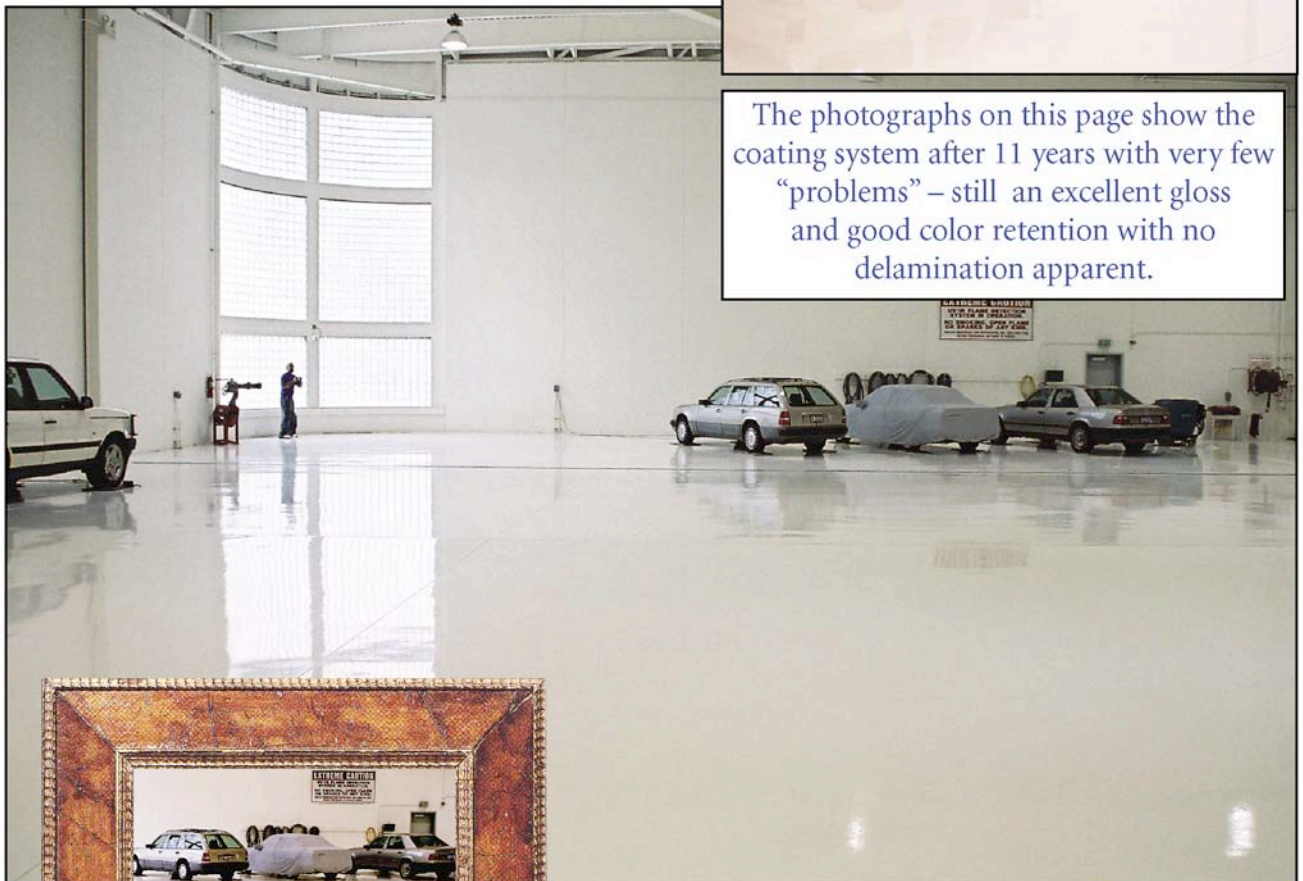
PRIVATE/CORPORATE HANGAR

Another private hangar, built by **Storey Construction** in 1996, next door to the **Grabher Construction** hangar was coated in June 1996.

The photographs below display the hangar in May 2007 (without any aircraft because the **Sun Valley Airport** was closed for a period of 30 days for runway resurfacing).



The photographs on this page show the coating system after 11 years with very few “problems” – still an excellent gloss and good color retention with no delamination apparent.



Again, the floor has provided excellent service since the initial installation in June 1996!