



Yum! Brands Hangar

1180 Standiford Avenue
Louisville, KY 40202

Yum! Brands, Inc., hangar first installed in the early '90s - the following photographs below show the doubling of the hangar size with the expansion complete in December 2008.



Yum! Brands, Inc., based in Louisville, KY., is the world's largest restaurant company in terms of system restaurants with nearly 36,000 restaurants in over 110 countries and territories and more than 1.4 million associates. **Yum! Brands, Inc.** is ranked #253 on the Fortune 500 List, with revenues in excess of \$10 billion in 2007. Just four of their restaurant brands include - **KFC, Pizza Hut, Taco Bell** and **Long John Silver's**.





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LOUISVILLE, KY

CASE HISTORY

YUM! BRANDS



The general contractor is L&F Design Build, an innovative design and construction company committed to working closely with their clients to provide effective building and design solutions.



The floor near completion before coating the new concrete and recoating the existing floor. Note the caulked control joints on the new concrete side and the considerable concrete restoration needed for a seamless transition.



Bringing the seams of the NEW and OLD concrete together

Yum!

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CASE HISTORY
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Before



Floor primed with E31-1202-64 prior to topcoating with U31-1201.

REDFORD Corporation **Epoxy Coating E31-1202-64**
 1075 Kayswood Drive • Kayswood, Texas 77756-7676 719-6908

PRODUCT DESCRIPTION:
 E31-1202-64 is a two-component epoxy based floor coating system designed for use on concrete substrates. It is a clear, non-solvent, 100% solids epoxy resin system. The product is suitable for use on both new and existing concrete surfaces.

RECOMMENDED FLOOR:
 Concrete, masonry, metal, steel, etc. This product is not recommended for use on wood, stone, or other non-concrete surfaces.

SOLIDS BY WEIGHT:	UV RESISTANCE (DFT)
Uncoated Concrete: 75%	1-2 hours
Uncoated Masonry: 70%	1-2 hours
Uncoated Steel: 65%	1-2 hours
Uncoated Metal: 60%	1-2 hours
Uncoated Wood: 55%	1-2 hours
Uncoated Stone: 50%	1-2 hours
Uncoated Other: 45%	1-2 hours

ADDITIONAL INFORMATION:
 • **COLOURS:** Clear, light grey, dark grey, red, green, blue, brown, and special colors.
 • **FINISH:** High gloss, semi-gloss, and flat.
 • **THEORETICAL COVERAGE:** 300 to 500 square feet per gallon.
 • **PACKAGING:** 5 gallon and 10 gallon pails.
 • **MIX RATIO:** 1 part Part A to 1 part Part B.
 • **APPLICATION:** Hand-applied or spray-applied.
 • **REPAIRS:** Suitable for use on concrete, masonry, metal, steel, etc.

REDFORD Corporation **U31-1201**
 Linear (Aliphatic) Urethane
 1075 Kayswood Drive • Kayswood, Texas 77756-7676 719-6908

Recommended for:
 Anhydrous, industrial concrete floors.

Solids by weight:
 Clear (total): 64% / 2
 Clear (total): 67% / 2

MIX:
 Part A clear: 1:1 (by gal)
 Part B: 1:1 (by gal)
 Part B: 2:2 (by gal)

Theoretical coverage per mixed gallon:
 300 to 500 square feet per mixed gallon.

Colors:
 Clear, light grey, dark grey, red, green, blue, brown, and special colors.

Finish:
 High gloss, semi-gloss, and flat.

Recommended film thickness:
 3 to 5 mil wet

Mix ratio:
 2:1 by volume

Shelf life:
 One year

Cure Schedule:
 Part A clear: 1-2 days
 Part B: 1-2 days
 Part A clear: 1-2 days
 Part B: 1-2 days

Chemical resistance:

Acetic acid	Excellent	Splash
Alkaline solutions	Very good	Excellent
Aliphatic hydrocarbons	Excellent	Excellent
Aromatic hydrocarbons	Excellent	Excellent
Chlorinated solvents	Not recommended	Excellent
Aliphatic ketones	Excellent	Excellent
Aliphatic esters	Very good	Excellent
Glycerol	Excellent	Excellent
Isopropanol	Excellent	Excellent
Diethyl ether	Not recommended	Excellent

Adhesion Resistance:
 Taber Abraser C-5 T Wheel
 1000g load, 500 cycles (avg loss) 24 mg

Impact Resistance:
 Gardner Impact (in. lb.) A: Reverse: 100
 B: Reverse: 100

Hardness:
 Shore D: 64

Flexibility:
 No cracks on 18" mandrel

Notes:
 • Always use proper mixing technique.
 • Always use proper application technique.
 • Always use proper curing technique.



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Scope of Work

Preparation and application of a high performance epoxy/urethane coating system to (E31-1202/U31-1201) approximately **18,000 square feet** of hangar floor to include the following procedures :

1. Detergent clean/power scrub/ power sand/diamond grind.
2. Crack fill/repair floor imperfections (E31-1204/E31-1202).
3. Concrete Restoration E31-1202.
4. Apply E31-1202-64 Epoxy Primer.
5. Apply 1st color topcoat (U31-1201 high performance Urethane).
6. Apply 2nd color topcoat (U31-1201 high performance Urethane).
7. Clean up/depart.

Completed floor - topcoated with U31-1201 high performance urethane.





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