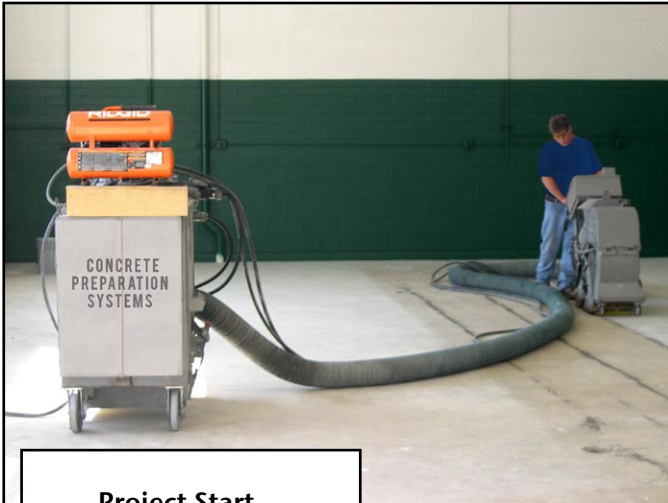
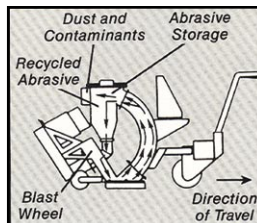




Christian Brothers Automotive
 4054 State Highway 6 South
 College Station, Texas 77845



Project Start
November 2009
Shot Blasting of
the Shop Floor



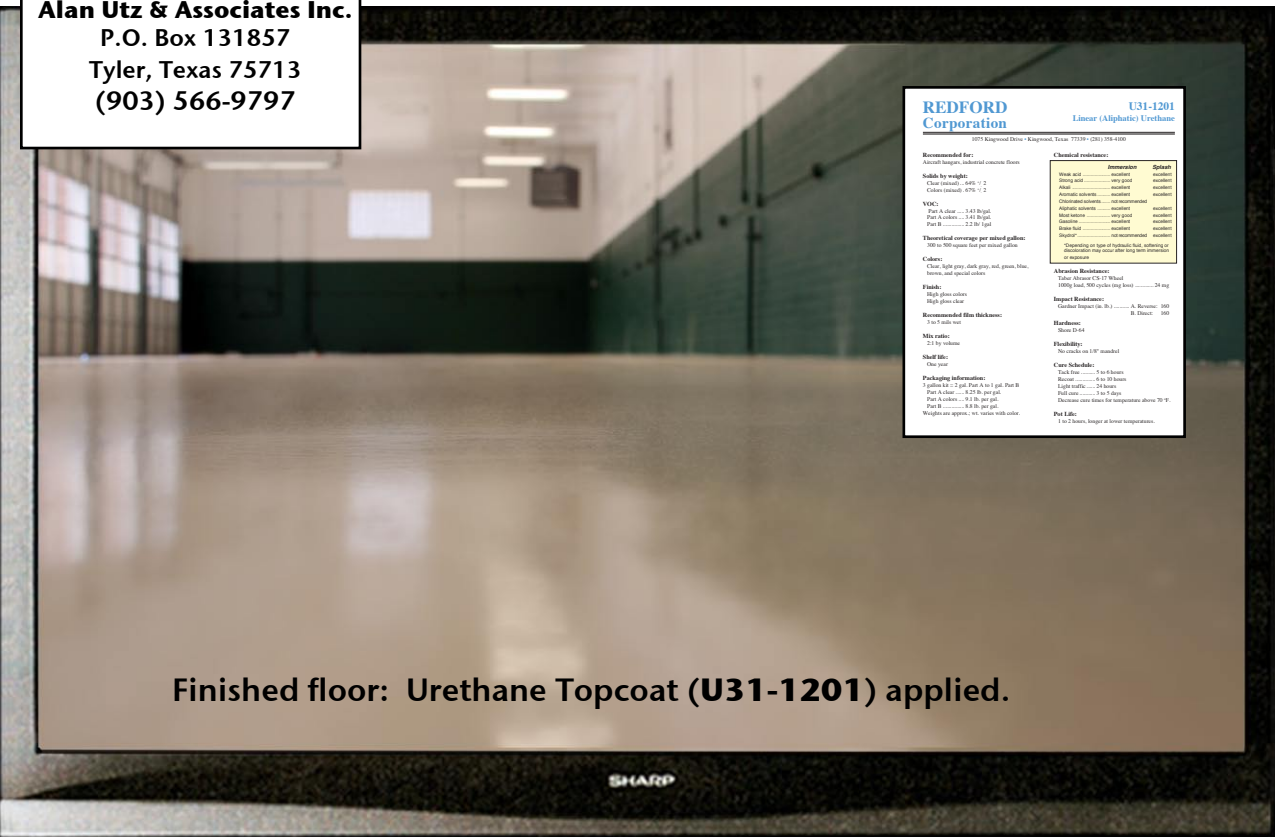
General Contractor:
Alan Utz & Associates Inc.
 P.O. Box 131857
 Tyler, Texas 75713
 (903) 566-9797

About Shot Blasting

Experts agree, surface preparation is the critical step of any job. This is especially true when coatings are involved. Surface preparation will save you time and money, and can substantially reduce the possibility of coating failure.

Shot blasting is a cost-effective and environmentally friendly method for preparing concrete and steel surfaces. This labor and time-saving process strips, cleans and profiles simultaneously. It leaves the surface immediately ready for the application of coatings or overlays - eliminating drying time and costly disposal procedures associated with other surface preparation methods.

Shot blasting is the preferred method of surface preparation, recommended by most coating manufacturers. It produces excellent bonding characteristics that promote reduced coating failure and maximum floor life.



Finished floor: Urethane Topcoat (U31-1201) applied.

REDFORD Corporation		U31-1201
		Linear (Aliphatic) Urethane
1075 Ringwood Drive • Ringwood, Texas 77369 • (281) 358-4000		
Recommended for:	Chemical resistance:	
Alcohol/Solvents, industrial concrete floors	Weak acid	Excellent
Solids by weight:	Alkaline	Excellent
Clear (actual) 44% / 2	Alkali	Excellent
Clear (theoretical) 47% / 2	Acetic acid	Excellent
VOC:	Chlorinated solvents	Not recommended
Part A clear ... 4.1 fl. oz./gal.	Hydrocarbons	Excellent
Part A white ... 2.4 fl. oz./gal.	Mineral spirits	Excellent
Part B ... 2.2 fl. oz./gal.	Gasoline	Excellent
	Lighter	Excellent
	Acetone	Excellent
	Isopropyl	Not recommended
	Water	Excellent
Theoretical coverage per mixed gallon:	*Theoretical coverage based on 100% solids. Actual coverage will vary based on surface preparation and application technique.	
100 to 300 square feet per mixed gallon		
Colors:	Abrasion Resistance:	
Clear, light gray, dark gray, and green blue, brown, and special colors	Tabor Abraser CS 17 Wheel	24 mg
	1000 lbs. 500-cycling test	
Finish:	Impact Resistance:	
High gloss color	Castor Impact (ft.-lb.)	A. Round: 100
High gloss clear		B. Square: 100
Recommended film thickness:	Hardness:	
1/32" (1 mil)	Shore D 44	
Mix ratio:	Flexibility:	
2:1 by volume	Not cracks on 1/2" mandrel	
Shelf life:	Cure Schedule:	
One year	Tan film ... 4 to 8 hours	
	Black ... 4 to 10 hours	
	Light gray ... 10 hours	
	Full cure ... 1 to 2 days	
Packaging information:	*Drydown time may be longer at temperatures above 70 °F.	
1 gallon in 1 gal. Part A to 1 gal. Part B		
Part A clear ... 2.2 lb. per gal.		
Part A white ... 2.2 lb. per gal.		
Part B ... 2.2 lb. per gal.		
Weights are approximate, always check with color.		
	Pot Life:	
	1 to 2 hours, longer at lower temperatures.	



Christian Brothers Automotive

4054 State Highway 6 South
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**ANOTHER QUALITY PROJECT BY
Main & Main Development Group**



College Station is located in the "heart" of Texas and is home to Texas A&M University, one of the largest research institutions and public universities in the nation. Due to the international influence of Texas A&M, there is a healthy diversity of race, culture and nationality that reflects much of the vibrancy, tradition, and spirit (that makes it a special place).

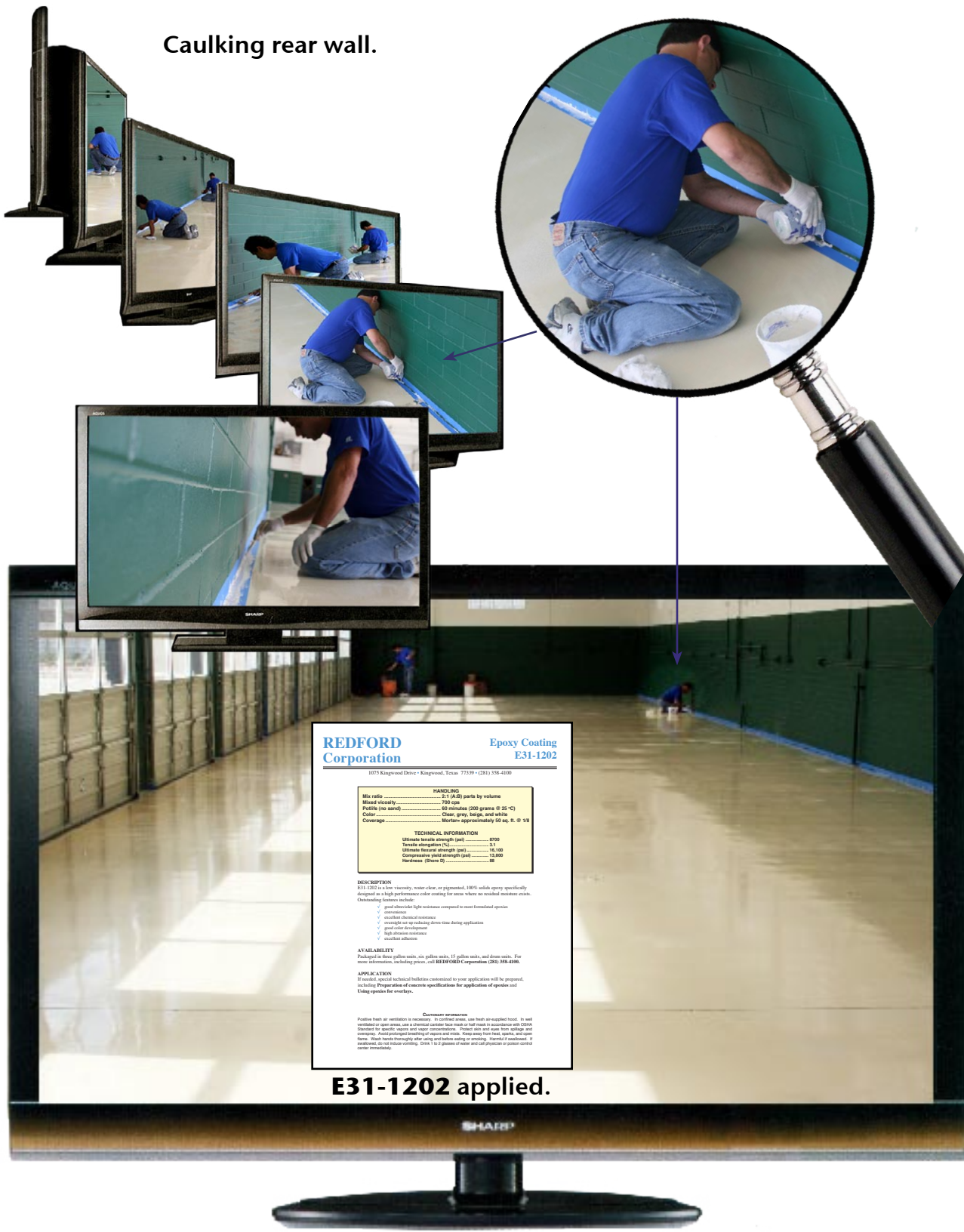
These are just a few of the reasons that **Christian Brothers Automotive** has chosen it as one of the newest locations for their fast expansion growth.





Christian Brothers Automotive
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Caulking rear wall.



REDFORD Corporation Epoxy Coating **E31-1202**
 1075 Kingswood Drive • Kingswood, Texas 77339 • (281) 550-4100

HANDLING	
Mix ratio	2:1 (A:B) parts by volume
Mixed viscosity	700 cps
Potlife (see note)	60 minutes (200 grams @ 25 °C)
Color	Clear, gray, beige, and white
Coverage	Meters approximately 50 sq. ft. @ 1/8"

TECHNICAL INFORMATION	
Ultimate tensile strength (psi)	8700
Tensile elongation (%)	2.3
Ultimate flexural strength (psi)	16,100
Compressive yield strength (psi)	13,000
Hardness (Shore D)	88

DESCRIPTION
 E31-1202 is a low viscosity, water clear, or pigmented, 100% solids epoxy specifically designed as a high performance color coating for areas where no structural moisture exists.

Outstanding features include:

- good chemical light resistance compared to most formulated epoxies
- non-toxic
- excellent abrasion resistance
- overnight set-up reducing down-time during application
- good color development
- high gloss finish
- 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) 550-4100.

APPLICATION
 If special special technical facilities customized to your application will be prepared, including Preparation of concrete specifications for application of epoxies and Using systems for analysis.

Cautionary information
 Positive fresh air ventilation is necessary. In confined areas, use fresh air supplied from outside. It may be required to open windows, use a blower fan, or use a fan to draw in fresh air and exhaust the fumes. Avoid prolonged breathing of vapors and mists. Keep away from heat, sparks, and open flame. Wash hands thoroughly after using and before eating or drinking. In case of contact with eyes, do not rub. Flush with water for 15 minutes. If swallowed, do not induce vomiting. Drive to a poison control center immediately.

E31-1202 applied.



Christian Brothers Automotive
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REDFORD Corporation U31-1201 Linear (Aliphatic) Urethane

8075 Emporium Drive • Kingwood, Texas 77339 • (281) 396-4300

Chemical Resistance	Interruption	Spills
Weak acid	resistant	resistant
Strong acid	very good	resistant
Alkaline caustics	resistant	resistant
Organic solvents	resistant	resistant
Mineral spirits	very good	resistant
Gasoline	resistant	resistant
Motor oil	resistant	resistant
Grease	resistant	resistant
Water	resistant	resistant

Recommended Use: Garage floors, industrial concrete floors.

Substrate: Concrete, epoxy, steel, masonry, stone, brick, terrazzo, stone, granite, marble, limestone, travertine, slate, tile, wood, metal, plastic, fiberglass, etc.

Application: Apply with roller, brush, or trowel. For best results, use a roller with a 1/2" nap. Apply in a thin, even coat. Allow to dry for 24 hours before walking on the surface.

REDFORD Corporation U31-1201 Linear Urethane

8075 Emporium Drive • Kingwood, Texas 77339 • (281) 396-4300

Typical Properties

Type	Two-part
High performance polyurethane	
Substrate	Concrete
Coverage	200 to 300 sq. ft. per gallon depending on porosity of substrate
Part B	1 to 2 hours at 70°F, longer at lower temperatures
Clear coating	1 to 2 hours at 70°F, longer at lower temperatures
Part A	2 to 4 hours at 70°F, longer at lower temperatures
Part B	2 to 4 hours at 70°F, longer at lower temperatures
Part A	2 to 4 hours at 70°F, longer at lower temperatures
Part B	2 to 4 hours at 70°F, longer at lower temperatures

U31-1201 urethane topcoat applied.





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Taping / painting green pads.



Finished floor (tape not yet removed).



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