



Riverbed Concrete: Concrete Countertop General Information and Agreement Form

This form is meant to inform our prospective and current customers of the properties of Riverbed Concrete pre-cast concrete countertops.

1. There is no one perfect sealer for concrete countertops. There are few sealers formulated for the specific use as a concrete countertop sealer. Sealing concrete countertops is a balance between function and aesthetic. Riverbed Concrete uses a Water Based Copolymer Acrylic sealer which we feel exhibits the best in stain resistance while leaving the surface looking very natural. Our countertops are stain resistant, not stain proof. Spills should be cleaned as soon as possible to avoid staining. Chemical cleaners should never be used on a concrete surface as they can damage or remove the sealer. A solution of mild detergent soap and water is recommended for use when cleaning the surface. The development of a patina should be expected. This patina, created by everyday use, is a desirable attribute to our products. The patina will create a richer, more interesting visual surface.

2. For best results we recommend the application of carnauba wax on a regular basis. Wax is a sacrificial surface protectant, which will assist in the prevention of staining and etching. Wax will help protect the sealer, which in turn protects the concrete. It also deepens and improves the countertop color. A wax schedule should be established between parties based on the use of the countertop. Sealer may need to be reapplied by Riverbed Concrete to restore proper protection on countertops experiencing heavy use.

3. Concrete countertops may develop small, non structural cracks. These are usually a result of cabinet settling. The most common areas for cracks to develop are around sink and faucet cutouts. Our countertops incorporate extensive reinforcement ranging in carbon fiber, welded wire mesh, and micro fiber technology. In addition, our countertops are infused with chemical additives to increase flexural and compressive strengths. All of our pre-cast countertops are cast using vibrating tables. Vibrating the concrete creates a denser, stronger, more consolidated material. With the above precautions there is still no way to guarantee that a countertop will not crack. There is the old adage, "if it ain't cracked it ain't concrete". At the end of the day, our products are still made of concrete, no matter how sophisticated. We emphasize that the development of a crack does not disrupt the performance or structural properties of the countertop.

4. Seams in precast countertops are control joints, allowing adjacent slabs to move or deflect due to structural movement of the house and cabinets (often driven by seasonal humidity changes or simply due to settlement of a new structure). Resilient seams allow movement without stressing the concrete. Rigid epoxy seams, while looking very nice and allowing a near seamless look, are actually too strong and too rigid in some cases. Because the ends of abutting slabs are simply glued together with epoxy, any flexure or deflection is transferred across the joint, causing tension and compression in the concrete. But because the countertop reinforcement is not continuous across the joint, any tension forces are resisted by the concrete alone. The common result is a crack which will form immediately adjacent to and parallel with an epoxy joint.

5. Riverbed Concrete diamond polishes all of its surfaces to 1,000grit. This produces a very attractive satin sheen. It also helps to densify the surface which improves stain resistance. Our countertops can be ground using more aggressive diamond matrixes to expose varying degrees of aggregate. If desired an exposed aggregate finish needs to be specified while placing the order. If no special instructions are given for the process, the countertop will receive our proprietary "salt and pepper" finish.



6. Our products are colored individually, and there are no guarantees on an exact color match between individual pieces. This is particularly true on large projects which need to be cast at different times.
7. Riverbed Concrete countertops are manufactured at a standard thickness of 1 ¾" thick. They are constructed of several custom concrete recipes developed extensively to meet our very strict structural and visual specifications. Our concrete is 33% lighter than normal everyday concrete and is 48% lighter than granite. Our concrete mix contains up to 60% recycled material. The recycled content is not only good for the environment, its contribution to LEED points, and carbon buy backs, but also increases the strength and durability of our finished products.
8. We think of each piece as functional art. Each countertop, sink, or custom order is meticulously hand crafted by craftsmen, dedicated to the art of transforming the everyday industrial material of concrete into a truly one of a kind final product. Our pieces are sculptural, expressive, and hand crafted and should be treated with care and appreciation.
9. In consideration of the mutual promises set forth herein, Riverbed Concrete covenants and agrees that it shall perform services rendered in a timely, professional manner, providing quality results set to Riverbed Concrete standards.

Any claim or controversy arising among or between the parties hereto and any claim or controversy arising out of or respecting any matter contained in this Agreement or any difference as to the interpretation of any of the provisions of this Agreement shall be settled by arbitration in the city of Boerne, Texas by Three (3) arbitrators under the then prevailing rules of the American Arbitration Association.

In any arbitration involving this Agreement, the arbitrators shall not make any award which will alter, change, cancel or rescind any provision of the Agreement and their award shall be consistent with the provisions of this Agreement. Any such arbitration must be commenced no later than sixty (60) days from the date such claim or controversy arose. The award of the arbitrators shall be final and binding.

Please sign this form to indicate that you have been presented this information.

Print: _____

Sign: _____



Product Data Sheet

Concrete

Pre-Cast Countertops, Sinks, Tiles, and Elements

Manufacture

Riverbed Concrete Inc.
39390 W IH-10 Suite C
Boerne Tx 78006
(830).981.2210
(210).845.2008
Fax: (830).755.6055
Email: info@riverbedconcrete.com
Web: www.riverbedconcrete.com

Features

- *Lightweight proprietary concrete and additives*
- *Increased flexural and tensile strengths*
- *Increased psi ratings*
- *30% recycled content (Standard)*
- *Up to 80% recycled content with use of recycled aggregate and additives*
 - Recycled Glass*
 - Recycled Porcelain*
 - Fly Ash*
 - Bottom Ash*
- *Low VOC (Volatile Organic Compounds)*
- *All raw material harvested locally and regionally*
- *High early strength*
- *Custom designs*
- *Pre-cast, off site casting, polishing and finishing*
- *Diamond polished surfaces*
 - 800 grit honed*
 - 1500 grit polish*
- *Unique styles and surface finishes*
- *Custom sizes, shapes, and colors*
- *Finish options include high-gloss, satin and matte*
 - High performance sealers available for commercial, Bar, Restaurant and Public settings*

Applications

- *Kitchen concrete countertops*
- *Bathroom vanity concrete countertops*
- *Concrete benches*
- *Backsplash tile*
- *Floor tile*
- *Shower tile*
- *Outdoor kitchen and entertainment*
- *Custom concrete tabletops*



- *Landscape designs/fountains*
- *Concrete fireplace hearths and surrounds*

Benefits

- *Integral Color and Color control*
- *Robust and durable*
- *Lasting beauty and warmth*
- *Increased structural integrity*
- *Flexible designs and color combinations*

Description

Riverbed Concrete Pre-Cast Concrete Counters and Sinks have become the favorite of designers and architects. Riverbed Concrete product lend themselves to aesthetic warmth, compelling shape, proportion, and depth of colors that are unattainable with other countertop materials. Granite, marble, and Corian are today found in most subdivisions while concrete is used in thoughtful, custom homes. Riverbed Concrete fabricates custom concrete products for kitchens, bathrooms, vanity tops, islands, back splashes, sinks, floor and wall tiles, fireplace surrounds, custom furniture, and water features. Concrete is an exciting alternative to more common surfaces which can be used for both interior and exterior environments alike.

To determine whether concrete is right for you, think about whether:

- *You want something unique and personalized*
- *You want something that looks natural and has character*
- *You appreciate high-quality, handcrafted items*
- *Granite is too shiny, too formal or too common*
- *Synthetic solid surface materials look and feel like plastic*
- *You need a color or visual texture that's not available with other countertop materials*

Dimensions

Several parameters help define the overall design of our Concrete Countertops and Elements. While virtually any size or dimensions are possible, surface area (length x width) and thickness dimensions combine to enable us to calculate the overall concrete volume, a key cost determinant. Concrete Countertop thicknesses generally range from 1.75 – 3.0 inches. We prefer at least a Plan View drawing in order to provide pricing.

GFRC Option

For certain projects possessing high detail and or oversized proportion demands, GFRC (Glass Fiber Reinforced Concrete) is a viable options. GFRC maintains the beautiful aesthetic qualities of Pre-Cast concrete while dramatically reducing weight, size and installation limitations. GFRC concrete products are stronger, lighter and have the capability of becoming more detailed than traditional Pre-Cast products. GFRC is generally more expensive than Pre-Cast products due to increased labor and material costs.



Fabrication and Installation

Application requirements, logistics, and space constraints all contribute to determining the size, shape and seam placement of your custom concrete products. Anticipated use and maintenance is considered in the recommended sealer used to protect your concrete surface.

Surface Finish

The standard surface finish for a Riverbed Concrete item is diamond polished. Diamond polished concrete exemplifies the elegance and performance of finely finished concrete surfaces. Diamond polishing steps will help to determine the overall surface quality and shine of the finished product. 800 grit is our honed finish while 1500 grit is the polished finish. (Chosen sealers will also play a role in the final gloss level). Other finishes are also available. Concrete is very malleable and will produce unique results when cast against a wide variety of materials including: melamine, plastic, formed plastics, epoxy, rubber, fabric molding and other materials.

Environment

Riverbed Concrete products are fabricated with sustainability in mind. Our products are made from no less than 30% recycled content, and produced using locally and regionally harvested materials and whenever possible are treated with Low VOC sealers.

Sink Design

Most sinks are custom fabricated by Riverbed Concrete in house. We have the capability, using fiberglass, rubber and other materials to custom create a wide variety of sink shapes and designs. Standard sink shapes and designs are available. Riverbed Concrete also offers "Box Sinks" as a standard retail item. Box Sinks are manufactured rather than custom fabricated and thus are limited in design variation of size.

Custom and Specified Design

Riverbed Concrete products can be designed in house or fabricated to your desired specifications which meet reasonable expectation of product performance. We offer CAD design to help visualize your final product upon request.

Edge Finish

The typical standard edge treatment for a Riverbed Concrete product is a polished, flat face. This stylistic approach accentuates the sense of elegant mass one associates with our signature look. Many standard countertop edges are available including the eased edge, which delivers a contemporary and progressive look. The capstone edge matches most traditional themes, while our rounded edge treatment provides a simple, yet sleek look.

The Concrete Studio offers custom Concrete Tabletops, Bathroom Vanities, Concrete Tile and Custom Fireplace Hearths and Surrounds. This custom product can integrate specific stylistic goals for those individuals desiring a tabletop or cast concrete solution not available on the commercial market. Options for size, shape, color and texture are unmatched by any other tile provider, making this a unique and powerful design component.



Riverbed Concrete Inc.

elements in concrete design

polished concrete flooring - stain and seal concrete flooring - precast concrete counters - concrete sinks - concrete tiles - concrete elements

At The Concrete Studio, we possess a unique ability to address your complete vision. Our Concrete Tabletops, Vanities and Tile can be matched to an existing design or created to capture and deliver your fundamental design elements and individual taste.

The Concrete Studio offers several proprietary Concrete Tabletop and Concrete Tile textures and an unbelievable color palette. We have experience producing high end tabletops that rival any type of stone and also fabricate spectacular table bases to support the tops. All of our custom stainless steel and metalwork is fabricated here at the Studio.

All Concrete Tabletop, Vanity and Tile solutions are available for residential and commercial installations. The Concrete Studio ships and installs its custom Concrete products nationwide.

Colors

While the concrete industry at large has advanced in its ability to provide more color options, Riverbed Concrete leads the way in delivering this color spectrum to the interior designer, custom homebuilder, architect, and savvy homeowner. Riverbed Concrete delivers nearly any color imaginable for our Concrete Countertops and Concrete elements. Custom colors are mixed upon request, providing new options and alternatives for durable, lasting, surfaces. New colors are developed on an ongoing basis and are constantly expanding our color capability.

Color vibrancy can be greatly enhanced with surface polishing and our high gloss epoxy sealant. The resultant color is vibrant, providing movement and texture that is unmatched. Natural materials cannot compete with the design freedom, custom color choices, and control now offered in custom concrete material.

Integral Color

Integral colorants are or preferred colorant. Integral colorants are mixed into the wet concrete, providing color that can never be worn through. Integral colors are non topical by nature and provide consistent color through out our concrete items. (12) standard integral colors are now offered from Riverbed Concrete.



Standard Specifications

Pre-Cast Counters

Length 8' max

Width 5' max

Thickness 1.75 to 3.0 inch (standard)
3.0 inch and greater are available with special form techniques

GFRC Counters

Length 20' max

Width 5' max

Thickness .75 inch and greater

Color

12 color standard integral color palette

Unlimited custom coloring

Integral colorants

Stains

Dyes (interior only)

Sealed Surface Finish Options

EAP: High gloss sealer

Burnished Solvent Acrylic: Medium to high gloss sealer

WB Acrylic: Medium to high gloss sealer (Low VOC rating)

50/50: Matte sealer (Low VOC rating)

Company Profile

Riverbed Concrete Inc., a design and installation company devoted to decorative concrete flooring and pre-cast concrete countertops offers reliable, professional service with a reputable history of quality and beauty. We enjoy and have a deep appreciation for design and architecture, and encourage involved relationships with interior designers, architects, builders, and of course homeowners. Riverbed Concrete Inc. was established in 2001 as the only pre-cast concrete countertop business in San Antonio and as an installer of high quality stained and diamond polished concrete flooring. In 2006 Riverbed Concrete Inc. moved to Boerne Tx to serve a growing need and demand for quality in high end decorative concrete for Hill Country residences and business. Riverbed Concrete Inc. is a national service and manufacturing corporation based in Boerne Tx.

For further questions please call David Harris: (210).845.2008



Riverbed Concrete Inc.
elements in concrete design

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Title: Div. 03 30 00 Cast-in-place Concrete -03 31 00 Structural Concrete

Subtitle: 03 31 16 Lightweight Structural Concrete

Technical Data

Compressive Strength – ASTM C 39

Plastic Density – ASTM C 138

28 Day Air Dry Density – ASTM C 567, ASTM C 330

Freeze – Thaw Resistance ASTM C 666

Typical Values

Exceeds ASTM C 387 28 day 5,500psi

100 lbs ft³ +/- 4lbs

96 lbs ft³ +/- 4lbs

Relative Dynamic Modulus (300 cycles) : 100.7 (Excellent)

Contact Information

Riverbed Concrete Inc.

39390 W IH 10 Suite C

Boerne Tx 78006

210.845.2008

info@riverbedconcrete.com



LEED Mix Design Info

Pre-cast concrete counters and elements

Cement – Midlothian TX – TXI Cement Plant 230 miles from jobsite

Aggregate – Streetman TX – TXI Aggregate 205 miles from jobsite

Fly Ash – Rockdale TX – Boral Materials 135 miles from jobsite

*Fly ash is a pre-consumer recycled material

Super plasticizer – Cambridge MA

Poly Fiber – Cambridge MA

Acrylic – Atlanta GA

Sand – Atlanta GA

Cement - \$2.10

Aggregate - \$5.00

Fly Ash - \$1.20

Super plasticizer - \$4.5

Acrylic - \$1.63

Poly Fiber - \$.58

Sand - \$.47

Cement and Fly ash – 21lbs

Aggregate including fines – 50lbs

Sand – 4.7lbs

Water – 8 lbs

*Riverbed Concrete Inc. products are manufactured in Boerne Tx



Riverbed Concrete Inc.

elements in concrete design

polished concrete flooring - stain and seal concrete flooring - precast concrete counters - concrete sinks - concrete tiles - concrete elements

Job Costing

- Total volume: 24.5 Cuft
- Cement: \$51.45
- Aggregate: \$134
- Sand: \$11.51
- Plasticizer: \$110.24
- Fly Ash: \$29.4
- Acrylic: \$39.9
- Poly Fiber: \$14.21

LEED for Schools - Version 1, 2007

General Information:

- * This information is used exclusively for LEED calculations. There will be absolutely no attempt to calculate fees, competitive pricing, etc. These forms will NOT be released by the LEED consultant, architect, owner, or general contractor to any other parties.
- * Each material/product must have a separate spreadsheet.
- * Cost of the material/product is the cost paid to guarantee the material in final assembly form excluding installation costs (labor & equipment) fees, overhead, transportation, taxes, etc.
- * Be sure to identify the material/product and the CSI codes for all materials that are included in recycled content.

Vendor/Sub: RIVERBED CONCRETE INC

Date: 11/23/09

Contact: DAVID HARRIS

Phone: 830-981-2210

Email: RIVERBED.CONCRETE@GMAIL.COM

Fax: 830-755-6055

As the contact person identified above, I hereby certify that the information submitted herewith has been verified to the extent of my ability.

X _____

Date: _____

Product/Material(s) CEMENT

Manufacturer: RIVERBED CONCRETE INC.

Cost: \$51.45

Must not include labor, or other fees, solely material cost only.

Project Spec Manual section: 12 36 13

- * List any third party certificates your product or company holds (i.e. GreenGuard, Green Seal, Forest Stewardship Council, Energy Star, All gypsum board, insulation, acoustical ceiling systems, and wall coverings in the building interior must be certified with one of the following third-party verification programs: GREENGUARD Children & Schools, Indoor Advantage Gold, or on the product list of Collaborative for High Performance Schools) SEE ADDITIONAL FORM FOR THESE ITEMS

Low Emitting Materials - LEED EQ Credits 4 (Complete Additional Form for VOC and certification requirements for all Adhesives, Sealants, Paints and Coatings, Composite Wood & Agrifiber products, Gypsum board, Acoustical ceiling system, Insulation, and Wall covering products)

Adhesives, Sealants, Paints, Coatings, Flooring, Composite Wood & Agrifiber Products, and Ceiling & Wall Systems

* Does the product, its installation, or maintenance of it emit any known airborne toxins: Yes/No
(i.e. VOCs, Urea Formaldehyde, CO₂, SO_x, NO_x, CFCs, HCFCs, HFCs, etc.)

If yes, please list the amount of airborne toxins in the product (e.g. mastic coating, 200 g/L of VOCs):

LEED for Schools - Version 1, 2007

Recycled Content - LEED MR Credits 4.1, 4.2

LEED REQUIREMENT

Provide building materials with recycled content such that post-consumer recycled content plus one-half of pre-consumer recycled content constitutes a minimum of 20 percent of cost of materials used for Project. Do not include plumbing, mechanical and electrical components, and specialty items such as elevators and equipment in the calculation.

DEFINITIONS

1. **"Post-consumer"** material is defined as waste material generated by households or by commercial, industrial, and institutional facilities in their role as end users of the product, which can no longer be used for its intended purpose.
2. **"Pre-consumer"** material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind, or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Complete form below:

* If the product is NOT an assembly of various components:

* What percentage of the product is post-consumer? %

* What is the source of this information? **CIRCLE ONE: (Submittal, cost sheet, product brochure, letter from mfg., etc)**

* What percentage of the product is pre-consumer (post-industrial)? %

* What is the source of this information? **CIRCLE ONE: (Submittal, cost sheet, product brochure, letter from mfg., etc)**

* If the product is an assembly of various components, fill in the table below.

Assembly: (List Product)					
Components	Weight (lbs)	Recycled Content (%)	% By Weight	Recycled Content Source	Company Providing Components

Local/Regional Materials - LEED MR Credits 5.1, 5.2

LEED REQUIREMENT

Provide a minimum of 10 percent of building materials (by cost) that are regionally extracted and manufactured materials.

Complete form below:

- * If the manufacturing facility is within a 500 mile radius of the job site:
 - * Are any of the raw materials extracted, harvested or recovered or manufactured within a 500 mile radius?

Yes/No

- * If yes: List the materials below and distance to job site.

Materials:	Address (Street, City/State, Zip Code)	Distance
CEMENT	MDLOTHIAN, TX	230

miles
miles
miles

- * For assemblies or when there are multiple sources for the same material:
 - * If all material sources are within 500 miles, use one line item in the table and state the greatest distance to the job site for the group. Otherwise, calculate the percentages by weight similar to Credit 4.
 - * Note: - if a product uses recycled materials, recycled materials are considered to be harvested from the location from which they are purchased. I.E. if tires are used to make rubber flooring and the rubber floor company buys tires from X company in Dallas. X company collects these tires from car dealers all over the country. The tires however are considered to be harvested in Dallas.

Components	Weight of Component (lbs)	Dist. To Job Site From Extraction Area (miles)	% By Weight	Regional Content Information Source	Company Providing Components
	0		0.0		

- * What is the source of this information? CIRCLE ONE: (Submittal, cost sheet, product brochure, letter from mfg., etc)

PROJECT NAME: NEISD AgriScience Magnet Center

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- * Be sure to identify the material/product and the CSI codes for all materials that are included in recycled content.

Vendor/Sub: RIVERBED CONCRETE INC

Date: 11/23/09

Contact: DAVID HARRIS

Phone: 830-981-2210

Email: RIVERBED CONCRETE@GMAIL.COM

Fax: 830-755-6055

As the contact person identified above, I hereby certify that the information submitted herewith has been verified to the extent of my ability.

X _____

Date: _____

Product/Material(s): AGGREGATE

Manufacturer: RIVERBED CONCRETE INC.

Cost:

\$ 134 ⁰⁰	Must not include labor, or other fees, solely material cost only.
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Project Spec Manual section: 12 36 13

- * List any third party certificates your product or company holds (i.e. GreenGuard, Green Seal, Forest Stewardship Council, Energy Star, All gypsum board, insulation, acoustical ceiling systems, and wall coverings in the building interior must be certified with one of the following third-party verification programs: GREENGUARD Children & Schools, Indoor Advantage Gold, or on the product list of Collaborative for High Performance Schools) SEE ADDITIONAL FORM FOR THESE ITEMS

Low Emitting Materials - LEED EQ Credits 4 (Complete Additional Form for VOC and certification requirements for all Adhesives, Sealants, Paints and Coatings, Composite Wood & Agrifiber products, Gypsum board, Acoustical ceiling system, Insulation, and Wall covering products)

Adhesives, Sealants, Paints, Coatings, Flooring, Composite Wood & Agrifiber Products, and Ceiling & Wall Systems

- * Does the product, its installation, or maintenance of it emit any known airborne toxins:

Yes/No

(i.e. VOCs, Urea Formaldehyde, CO₂, SO_x, NO_x, CFCs, HCFCs, HFCs, etc.)
If yes, please list the amount of airborne toxins in the product (e.g. mastic coating, 200 g/L of VOCs):

LEED for Schools - Version 1, 2007

Recycled Content - LEED MR Credits 4.1, 4.2

LEED REQUIREMENT

Provide building materials with recycled content such that post-consumer recycled content plus one-half of pre-consumer recycled content constitutes a minimum of 20 percent of cost of materials used for Project. Do not include plumbing, mechanical and electrical components, and specialty items such as elevators and equipment in the calculation.

DEFINITIONS

1. **"Post-consumer"** material is defined as waste material generated by households or by commercial, industrial, and institutional facilities in their role as end users of the product, which can no longer be used for its intended purpose.
2. **"Pre-consumer"** material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind, or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Complete form below:

* If the product is NOT an assembly of various components:

* What percentage of the product is post-consumer? %

* What is the source of this information? **CIRCLE ONE: (Submittal, cost sheet, product brochure, letter from mfg., etc)**

* What percentage of the product is pre-consumer (post-industrial)? %

* What is the source of this information? **CIRCLE ONE: (Submittal, cost sheet, product brochure, letter from mfg., etc)**

* If the product is an assembly of various components, fill in the table below.

Assembly: (List Product)					
Components	Weight (lbs)	Recycled Content (%)	% By Weight	Recycled Content Source	Company Providing Components

LEED for Schools - Version 1, 2007

Local/Regional Materials - LEED MR Credits 5.1, 5.2
LEED REQUIREMENT
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Complete form below:

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 - * Are any of the raw materials extracted, harvested or recovered or manufactured within a 500 mile radius?

Yes/No

* If yes: List the materials below and distance to job site.

Materials:	Address (Street, City/State, Zip Code)	Distance	
AGGREGATE	STREETMAN TX	205	miles
			miles
			miles

- * For assemblies or when there are multiple sources for the same material:
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X _____

Date: _____

Product/Material(s) FLY ASH

Manufacturer: RIVERBED CONCRETE INC.

Cost: \$29.40

Must not include labor, or other fees, solely material cost only.

Project Spec Manual section: 12 36 13

- * List any third party certificates your product or company holds (i.e. GreenGuard, Green Seal, Forest Stewardship Council, Energy Star, All gypsum board, insulation, acoustical ceiling systems, and wall coverings in the building interior must be certified with one of the following third-party verification programs: GREENGUARD Children & Schools, Indoor Advantage Gold, or on the product list of Collaborative for High Performance Schools) SEE ADDITIONAL FORM FOR THESE ITEMS

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LEED for Schools - Version 1, 2007

Local/Regional Materials - LEED MR Credits 5.1, 5.2
LEED REQUIREMENT
Provide a minimum of 10 percent of building materials (by cost) that are regionally extracted and manufactured materials.

Complete form below:

- * If the manufacturing facility is within a 500 mile radius of the job site:
 - * Are any of the raw materials extracted, harvested or recovered or manufactured within a 500 mile radius?

Yes/No

- * If yes: List the materials below and distance to job site.

Materials:	Address (Street, City/State, Zip Code)	Distance	
FLY ASH	ROCKDALE, TX	135	miles
			miles
			miles

- * For assemblies or when there are multiple sources for the same material:
 - * If all material sources are within 500 miles, use one line item in the table and state the greatest distance to the job site for the group. Otherwise, calculate the percentages by weight similar to Credit 4.
 - * Note: - if a product uses recycled materials, recycled materials are considered to be harvested from the location from which they are purchased. I.E. if tires are used to make rubber flooring and the rubber floor company buys tires from X company in Dallas. X company collects these tires from car dealers all over the country. The tires however are considered to be harvested in Dallas.

Components	Weight of Component (lbs)	Dist. To Job Site From Extraction Area (miles)	% By Weight	Regional Content Information Source	Company Providing Components
	0		0.0		

- * What is the source of this information? CIRCLE ONE: (Submittal, cost sheet, product brochure, letter from mfg., etc)

PROJECT NAME: NEISD AgriScience Magnet Center

LEED for Schools - Version 1, 2007

General Information:

- * This information is used exclusively for LEED calculations. There will be absolutely no attempt to calculate fees, competitive pricing, etc. These forms will NOT be released by the LEED consultant, architect, owner, or general contractor to any other parties.
- * Each material/product must have a separate spreadsheet.
- * Cost of the material/product is the cost paid to guarantee the material in final assembly form excluding installation costs (labor & equipment) fees, overhead, transportation, taxes, etc.
- * Be sure to identify the material/product and the CSI codes for all materials that are included in recycled content.

Vendor/Sub: RIVERBED CONCRETE INC

Date: 11/23/09

Contact: DAVID HARRIS

Phone: 830-981-2210

Email: RIVERBED.CONCRETE@GMAIL.COM

Fax: 830-755-6055

As the contact person identified above, I hereby certify that the information submitted herewith has been verified to the extent of my ability.

X _____

Date: _____

Product/Material(s) SAND

Manufacturer: RIVERBED CONCRETE INC.

Cost:

\$11.51

Must not include labor, or other fees, solely material cost only.

Project Spec Manual section: 12 36 13

- * List any third party certificates your product or company holds (i.e. GreenGuard, Green Seal, Forest Stewardship Council, Energy Star, All gypsum board, insulation, acoustical ceiling systems, and wall coverings in the building interior must be certified with one of the following third-party verification programs: GREENGUARD Children & Schools, Indoor Advantage Gold, or on the product list of Collaborative for High Performance Schools) SEE ADDITIONAL FORM FOR THESE ITEMS

Low Emitting Materials - LEED EQ Credits 4 (Complete Additional Form for VOC and certification requirements for all Adhesives, Sealants, Paints and Coatings, Composite Wood & Agrifiber products, Gypsum board, Acoustical ceiling system, Insulation, and Wall covering products)

Adhesives, Sealants, Paints, Coatings, Flooring, Composite Wood & Agrifiber Products, and Ceiling & Wall Systems

- * Does the product, its installation, or maintenance of it emit any known airborne toxins:

Yes <input checked="" type="radio"/> No <input type="radio"/>

(i.e. VOCs, Urea Formaldehyde, CO₂, SOx, NOx, CFCs, HCFCs, HFCs, etc.)
If yes, please list the amount of airborne toxins in the product (e.g. mastic coating, 200 g/L of VOCs):

LEED for Schools - Version 1, 2007

Recycled Content - LEED MR Credits 4.1, 4.2

LEED REQUIREMENT

Provide building materials with recycled content such that post-consumer recycled content plus one-half of pre-consumer recycled content constitutes a minimum of 20 percent of cost of materials used for Project. Do not include plumbing, mechanical and electrical components, and specialty items such as elevators and equipment in the calculation.

DEFINITIONS

1. **"Post-consumer"** material is defined as waste material generated by households or by commercial, industrial, and institutional facilities in their role as end users of the product, which can no longer be used for its intended purpose.
2. **"Pre-consumer"** material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind, or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Complete form below:

* If the product is NOT an assembly of various components:

* What percentage of the product is post-consumer? %

* What is the source of this information? **CIRCLE ONE:** (Submittal, cost sheet, product brochure, letter from mfg., etc)

* What percentage of the product is pre-consumer (post-industrial)? %

* What is the source of this information? **CIRCLE ONE:** (Submittal, cost sheet, product brochure, letter from mfg., etc)

* If the product is an assembly of various components, fill in the table below.

Assembly: (List Product)	Weight (lbs)	Recycled Content (%)	% By Weight	Recycled Content Source	Company Providing Components
Components					

LEED for Schools - Version 1, 2007

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		miles
		miles
		miles

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 - * Note: - if a product uses recycled materials, recycled materials are considered to be harvested from the location from which they are purchased. I.E. if tires are used to make rubber flooring and the rubber floor company buys tires from X company in Dallas. X company collects these tires from car dealers all over the country. The tires however are considered to be harvested in Dallas.

Components	Weight of Component (lbs)	Dist. to Job Site From Extraction Area (miles)	% By Weight	Regional Content Information Source	Company Providing Components
	0		0.0		

- * What is the source of this information? **CIRCLE ONE:** (Submittal, cost sheet, product brochure, letter from mfg., etc)

Pre-Cast Concrete Counter and Sink: Care & Maintenance

Your brand new concrete countertop or sink has been handcrafted as a functional piece of art. **Your concrete has been sealed and waxed and will resist staining but is not stain proof!** A 30 day care period from the installation date is recommended for the sealer to fully cure.

Cleaning:

It is best to clean up spills as soon as possible, especially oils and acidic liquids with a damp cloth. Clean your countertops with a mixture of mild dish soap and water which we recommend be stored in a convenient spray bottle. Stone Tech (available at Home Depot) cleaning solutions are also suitable for concrete surfaces.

Maintaining the Finish:

Regular maintenance will ensure the longevity of the concrete countertop. Waxing with concrete countertop wax, bees wax or carnauba wax every couple of months will provide a great level of protection and add patina to the surface. Stone Tech Professionals full line of stone care products are also suitable. (available at Home Depot).

Do's and Don'ts:

- Don't use "Soft Soap" products around your concrete it will etch the surface and leave stains
- Don't place unsealed pottery or metal objects on your concrete, as they exchange minerals with the concrete and leave permanent marks. Use a cork pad under such or similar items.
- Don't cut on concrete countertops, it will not hurt the concrete but it will damage the sealer
- Do use cutting boards when chopping or preparing foods
- Avoid pooling liquids on your surface for prolonged periods of time.
- Do not use abrasive scrubbing pads or aggressive surface cleaners.
- Your concrete surface is heat resistant, but it is still a good idea to avoid direct contact with oven temperature pots and pans as they can damage the sealer.
- Avoid harsh chemicals and Windex, as they will dull or etch the surface

Waxing Instructions:

The surface should be dry and clean. Apply wax with a cloth applicator in small circular motion to a thin film. Let dry for a minute then buff clean with terry cloth towel. Work 4 – 5 square feet at a time not to allow wax to dry too hard, otherwise it will be difficult to buff out.

Things to Remember:

- Like any naturally porous surface (granite, limestone, soapstone, slate, honed stone) there are no stain, scratch, or crack warranties or guarantees associated with this product.
- Although these tops are sealed at our facility, they are stain resistant, not stain proof. You should understand the distinction and practice common sense "good house keeping practices".
- Stains are dark in color. Some stains can be rubbed out, and others can be removed with a stain lifting agent such as a concentrated cleaner or poultice. Etch marks are light in color. Etch marks are not stains and therefore cannot be cleaned off. The only way to alleviate or lessen the appearance of an etch is to re-polish the affected area.
- Liquids may penetrate the uppermost layer of the concrete, but typically will evaporate out, or can be scrubbed out with detergent and water.
- If a chip or crack develops, they are easily repaired with a pigmented epoxy. We recommend that you call Riverbed Concrete for such repairs.
- For any questions regarding the care of your concrete please contact Riverbed Concrete by one of the means made available below.



CONCRETE COUNTERTOP & SINK GENERAL WARRANTY

Riverbed Concrete Inc., does hereby guarantee and warrant all work performed by Riverbed Concrete Inc. on the above referenced project for a period of one (1) year from substantial completion of contracted work. This warranty provides that all materials and equipment furnished under the contract is of good quality and new. The work will be free from defects excluding what is inherent in the nature of the product or permitted in Riverbed Concrete Inc. allowable tolerance, and the work will conform to the requirements of the contract documents.

Exclusions:

- This warranty excludes failures caused by occurrences beyond Riverbed Concrete Inc's control including, but not limited to, acts of God or public enemy, acts of war, rebellion or sabotage: fires, floods, explosions, accidents: riots or other acts of workers, whether direct or indirect: or, any other causes whether or not of the same cause or kind as those specifically named above, which are not within the control of the party affected and which, by the exercise of reasonable diligence, said party is unable to prevent or provide against.
- This warranty excludes negligent use of its installed/manufactured products. Negligent use includes, but is not limited to, damage from mishandling, scratches, heat, chemicals, or improper care and maintenance.
- This warranty is void if the applied finish is altered.
- This warranty excludes seam appearance or performance.
- This warranty excludes color variations, air bubbles, hairline cracking, and other variances that are inherent in concrete countertops.
- This warranty is void if product installation is altered by a party other than Riverbed Concrete Inc.
- This warranty excludes products that have not been paid in full.
- If Riverbed Concrete Inc. product needs to be replaced or repaired under this warranty, Riverbed Concrete Inc. is not responsible for the cost of necessary modifications to plumbing, electrical, flooring, cabinets, etc. in order to make this change.
- This warranty excludes routine maintenance. Routine maintenance should be performed following the guidelines set forth in Riverbed Concrete Inc.'s Care & Maintenance literature. This warranty is considered void if cleaning products outside of the Riverbed product line are used (unless under prior written approval).

Strict adherence to Riverbed Concrete Inc. documents, contracts, agreements, instruction, care & maintenance, and all expressed information must be adhered to for compliance with warranty terms.

Amendments to warranty:

Signed: _____ Date: _____
(Signature only required if amendments present)

General Cleaner

Riverbed Concrete General Cleaner is an all purpose cleaner for polished concrete flooring, stain and seal concrete flooring, concrete counters/sinks/tiles, and other pre-cast concrete features. It's neutral formula contains low residue, which rinses clean and is specifically designed for use on decorative concrete surfaces.



Instructions for Use:

Preperation: Sweep or vacuum to remove loose materials from surface.

Equipment: Apply w mop, autoscrubber, or rag.

Storage and Handling: Store in cool dry place. Do not alter or mix with othere chemicals.

Application: Always test for suitability, dilution rates and desired results before overall application. Dilution: Normal clean-1 oz of cleaner/1 gal fresh water ; Deep clean-2oz of cleaner/1 gal fresh water.

Application Instruction: Apply with mop or autoscrubber. Mop up used cleaner or vacuum with autoscrubber. After deep clean rinse well with fresh water. Do not let puddles dry on the concrete surface. Buff with White pad to inccress shine.

Clean Up: Clean tools and equipment w fresh water.

Safety Info: Contains Octyldimethylamine oxide, decyldimethylamine oxide. Causes eye and skin irritation. Harmful if swallowed. Avoid eye and skin contact. Wear protective equipment as necessary to avoid contact. Do not alter or use for other than specified. First Aid: Ingestion: do not induce vomiting. Get immediate medical assistance. Eye Contact: Rinse thoroughly for 15 min. Get medical assistance. Skin contact: Rinse thoroughly. Get medical attention if irritation persists. Inhalation: Remove to fresh air. Get medical attention as necessary. 24 Hour emergency: INFOTRAC, 800.535.5053. Complete product literature by Riverbed Concrete Inc. 830.981.2210. Refer to product data and MSDS for complete application and precautinary information.