

Georgetown County, South Carolina

129 Screven Street, Suite 239
Post Office Drawer 421270
Georgetown, SC 29442-4200
(843) 545-3083 • Fax (843) 545-3500
E-Mail • purch@gtcounty.org
Website • <http://www.gtcounty.org>

ADDENDUM #2 TO BID #20-020

BID NUMBER: 20-020

ISSUE DATE: Friday, April 24, 2020

OPENING DATE: **Wednesday, May 13, 2020**

OPENING TIME: **3:30 PM ET**

Pre-Bid Site Inspection and/or Conference: [None]

PROCUREMENT FOR: Garden City Drainage Improvements Sites 1, 5 and 8

This addendum will amend **Bid #20-020, Garden City Drainage Improvements Sites 1, 5 and 8** originally issued on Wednesday, April 8, 2020. This clarification is being provided to all known and registered correspondents in response to questions received. All addenda and original bid documents are also available online at: www.gtcounty.org, select “Bid Opportunities” from the Quick Links section and “View Current Bid Solicitations.”

Question #1: In Section 02560 “Cast-In-Place Concrete”, Page 143, Paragraph 3.8 B. 2. d. It cannot be bid by a contractor as written. The product as specified does not exist or is not available as it is currently named and described.

- “Thoroseal” brand was discontinued. Standard Dry Wall Co. no longer exists.
- “Acryl 60” brand was discontinued.

The acceptable equivalent product for your specified need manufactured by UGL is “DRYLOK Powdered Waterproofer” and “DRYLOK Latex Bonding Agent”. I have attached information on these products. I respectfully request you consider DRYLOK Powdered Waterproofer and DRYLOK Latex Bonding Agent as an “or equal”.

Response: Thoroseal is still sold but is now manufactured by BASF. So this product is still acceptable. Therefore, replace “Standard Dry Wall Co.” with the new manufacturer “BASF”. Acryl 60 is now called MasterEmaco A 660. Therefore, replace Acryl 60 with MasterEmaco A 660. As for your request for approved equal products as mentioned above and submitted in your material substitution request form, the request has been approved. See approved material substitution request form attached.

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EXHIBIT B

Bid# 20-020, GARDEN CITY DRAINAGE IMPROVEMENTS SITES 1, 5 AND 8
MATERIAL SUBSTITUTION REQUEST

Date: 4/17/20

We hereby submit for your review the following PRODUCT SUBSTITUTION of the specified material for the above listed project.

Section: 02560

Paragraph: 3.8 B. 2. d.

Specified Material: THOROSEAL, THOROSEAL PASTER MAX, ACRYL 60

Attached is complete technical data of the PRODUCT SUBSTITUTION, highlighted or underlined for easy reading, including laboratory test, as necessary, in duplicate. Included is complete information on changes to the Project Manual Documents required by the proposed PRODUCT SUBSTITUTION for its proper installation.

A) The Trade Contractor, under whose transmittal this information is sent, has reviewed the PRODUCT SUBSTITUTION and agrees it is applicable to this project in the location described and agrees to warrant/guarantee the use of the PRODUCT SUBSTITUTION in the same manner he would the Specified Product.

Yes No

If not, explain: _____

B) Does the PRODUCT SUBSTITUTION affect the dimensions shown on the Drawings in ANY WAY?

Yes No

If so, how? _____

C) Does the undersigned have the approval of the Manufacturer/Supplier to pay for any changes to the building design, including engineering and detailing costs, caused by the requested PRODUCT SUBSTITUTION?

Yes No

If so, to what extent? THERE SHOULD NOT BE ANY COSTS CAUSED BY THE SUBSTITUTION.

D) What effect does the PRODUCT SUBSTITUTION acceptance have on other trades?

None Don't Know As follows:

E) Difference between proposed PRODUCT SUBSTITUTION and the Specified Product?
BE SPECIFIC IN DESCRIPTION. (ASTM No., Size, Gauge, Material, Color Availability,
Construction)

NONE

(Attach additional pages as required)

F) Manufacturer's guarantees and warranties of the PRODUCT SUBSTITUTION and the Specified Product?

Same Different (Explain)

G) What is the cost differential of the PRODUCT SUBSTITUTION in comparison to the Specified Product?

Same Less Expensive by \$ _____ More Expensive by \$ _____

I) The PRODUCT SUBSTITUTION has been verified by the undersigned with the Manufacturer/Supplier as meeting or exceeding the specifications of the Specified item.

Yes No Waiting for answer.

THE UNDERSIGNED Trade Contractor states that the function, appearance, and quality of the PRODUCT SUBSTITUTION are equivalent or superior to the specified item. In addition, I, as the Trade Contractor will assume all responsibility for any impact or delay the review and evaluation of the alternate product may cause. Your approval of the Substitute Product in no way will relieve me as the Trade Contractor of my responsibilities to conform with all requirements of the Contract Documents.

Submitted By: [Signature] Signature

HARRY LUBITZ, CSI, CDE, H.B.E.C., ASTM
Printed

FOR USE BY ARCHITECT/ENGINEER:

RECEIVED TOO LATE NOT ACCEPTED APPROVED AS NOTED

FOR BIDDING ONLY, FINAL APPROVAL SUBJECT TO SUBMITTAL DATA IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS.

DATE: 4/20/2020

PRINTED NAME: Bryan Kizer

SIGNATURE: [Signature]

DRYLOK® Powdered Basement & Masonry Waterproofer

MANUFACTURER

UNITED GILSONITE LABORATORIES

MAILING: P.O. Box 70, Scranton, Pennsylvania, 18501

SHIPPING: 1396 Jefferson Avenue, Dunmore, Pennsylvania, 18509

TOLL FREE: 1-800-UGL-LABS (845-5227)

PHONE: 1-570-344-1202 • **FAX:** 1-570-969-7634

www.UGL.com



PRODUCT DESCRIPTION

DRYLOK® Powdered Basement & Masonry Waterproofer is formulated to fill and seal porous masonry walls against water, even under pressure, by becoming an actual part of the original surface. An aggregate type material, DRYLOK® Powdered Basement & Masonry Waterproofer is ideal as a base coat, as well as a finish coat.

LISTED BY MASTERSPEC®: DRYLOK® Powdered Basement & Masonry Waterproofer is listed as a Pre-Packaged Positive-Side and Negative-Side Polymer-Modified Cement Waterproofing, and a Field-Mixed Polymer-Modified Cement Waterproofing by MasterSpec® in MasterFormat Section 071613.

MasterSpec® is the standard for building specifications and a product of the American Institute of Architects (AIA).

- An economical masonry waterproofer
- Resists 10 psi hydrostatic pressure
- Apply to damp surfaces
- Reduces radon gas penetration

BASIC USES

For use above and below grade, inside or outside, including retaining walls, tanks, cisterns, basements, brick walls, or on any surface consisting of stucco, concrete, brick, cinder, and cement blocks.

TECHNICAL DATA

COMPOSITION:

Cement, sand, and additives

SHEEN:

N/A

% WEIGHT SOLIDS:

100%

DENSITY (LBS./US GAL.):

22.5 ± 0.3 (S.G. 2.69 ± 0.02)

VISCOSITY:

N/A

pH:

N/A

COLOR:

- White – powder

DRY TIME:

- 12-24 hours
- To recoat: 12-24 hours

Note: Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.

CLEAN UP:

Warm soapy water

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

COVERAGE:

140-210 sq. ft./35 lb. for first coat and 210-280 sq. ft./35 lb. for second coat

Note: Actual coverage will vary depending upon application method, surface texture, and porosity.

RECOMMENDED FILM THICKNESS/COAT:

Maximum 15 wet mils/coat
Maximum 10.5 dry mils/coat
2 Coats required

SHELF LIFE:

6 Years unopened container

FREEZE/THAW:

N/A

CONTAINER SIZES:

Thirty five pound (15.9 KG) pail

VOC

0 g/L

TINTING

N/A

TOOLS NEEDED

A clean plastic or metal pail, DRYLOK® Masonry Brush or good nylon bristle or fiber brush, measuring cup, and stirring paddle.

SURFACE PREPARATION

Masonry surfaces must be clean and free from dirt, dust, grease, oil, form release compound, frost, or paint. Remove all dirt and loose particles with a wire brush. Patch all holes or cracks with DRYLOK® Fast Plug®, a fast setting hydraulic cement, and smooth the patch evenly with the surface around it. Check the joint where the floor and wall meet and fill any breaks with DRYLOK® Fast Plug®.

EFFLORESCENCE, a white, powdery, crystal-like deposit visible on the masonry surface must be removed.

DRYLOK® Etch (liquid or powder) or muriatic acid, used according to manufacturer's directions, are effective efflorescence removal agents. All masonry surfaces are subject to occurrences of efflorescence.

PAINTED SURFACES, Whitewash, calcimine, oil and latex paints and coatings must be removed by wire brushing, sandblasting or other effective means before applying DRYLOK® Powdered



DRY TIME:

12-24 Hours
Recoat 12-24 Hours



CLEAN-UP:

Soap and Water



COVERAGE:

2 Coats Minimum



SPREAD RATE:

210 Sq. Ft./35 Lb.

Basement & Masonry Waterproofer.

WARNING

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

MIXING

Add 2 pints of cold water for each 10 pounds (7 pints per 35 pound container) of DRYLOK® Powdered Basement & Masonry Waterproofer. Stir until mixture is free of lumps. Thin with an additional 2 pints (950mL) of water for normal application or 1 1/2 pints (700mL) of water for heavy application. Stir until smooth. Wait for 15 minutes, restir and apply. Use the same proportions of water and DRYLOK® Powdered Basement & Masonry Waterproofer in succeeding mixes to ensure a uniform color tone. Mix no more material than can be used in 3 to 4 hours.

NOTE: For enhanced performance, a 1:1 mix of water to DRYLOK® Bonding Agent should be used instead of water for non-potable waterproofing.

APPLICATION

Area to be painted must be **thoroughly dampened with water** prior to painting. Do not paint until surface water has been absorbed. Spotty drying indicates that the surface is not uniformly damp.

Wet these areas until the surface absorbs water uniformly. Continue to dampen walls ahead as you paint. When painting under hot or windy conditions, a wetter surface is necessary.

Using a DRYLOK® Masonry Brush or stiff

bristle brush, apply with a scrubbing motion. On interior surfaces and in extremely dry conditions, redampen by misting newly painted walls after 6 to 8 hours to improve curing. Apply 2 coats. Allow first coat to dry 12 to 24 hours drying time and repeat first coat procedures. Recommended film thickness per coat is maximum of 15 wet mils per coat, 1.24 lbs./sq. yard.

IMPORTANT


If leaking is still present after two coats, it indicates that pores or pin holes are still open. Paint these areas again.

When painting the inside of concrete fish ponds and potable water tanks, allow DRYLOK® Powdered Basement & Masonry Waterproofer to dry at least one week. Rinse the entire surface of the pond or tank with water. Drain between rinses. Repeat this rinsing for a total of 4 times to control the alkalinity content of the surface before putting into service.

CAUTION

CONTAINS: PORTLAND CEMENT AND LIME. Cancer Hazard. Contains crystalline silica which can cause cancer. Do not breathe dust. Over exposure may cause lung and kidney damage. Wear dust mask or respirator when handling dry powder. Avoid eye contact or contact with skin and clothing. Wash thoroughly after handling.

Use only with adequate ventilation. KEEP OUT OF REACH OF CHILDREN. CLOSE CONTAINER AFTER EACH USE.

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

FIRST AID

If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately.

For additional health and safety information please refer to the "Safety Data Sheet".

SPECIFICATION

Meets performance of Federal Specification TT-P-21 Type II Class B.

DRYLOK® Powdered Basement & Masonry Waterproofer has been tested to ASTM D-7088 Resistance to Hydrostatic Pressure and ASTM D-6904 Resistance to 98 Miles per Hour Wind-Driven Rain. Resists 10 PSI Hydrostatic Pressure.

Manufactured at Jackson, MS 39213 and Jacksonville, IL 62650

Certified to NSF/ANSI 61. Additional information for NSF Standard 61 Certification visit www.nsf.org.

DRYLOK® and Fast Plug® are registered trademarks of United Gilsonite Laboratories (UGL).



Powdered Basement & Masonry Waterproofer **White**
35 LB. 1/Case00542



DISCLAIMER: This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of UGL's knowledge, or obtained from sources believed by UGL to be accurate, and UGL does not assume any legal responsibility for use or reliance upon same. Before using any product, read the label.

DRYLOK® Latex Bonding Agent

MANUFACTURER

UNITED GILSONITE LABORATORIES

MAILING: P.O. Box 70, Scranton, Pennsylvania, 18501

SHIPPING: 1396 Jefferson Avenue, Dunmore, Pennsylvania, 18509

TOLL FREE: 1-800-UGL-LABS (845-5227)

PHONE: 1-570-344-1202 • **FAX:** 1-570-969-7634

www.ugl.com



PRODUCT DESCRIPTION

DRYLOK Latex Bonding Agent bonds concrete and plaster to difficult surfaces such as dense, slick or porous concrete, stone, ceramic tile, stucco, drywall, hardboard and plaster walls. Its ideal for repairing and repointing masonry parging walls, resurfacing concrete driveways, patios, slabs and steps. DRYLOK Bonding Agent makes cement, stucco and plaster adhere better. When used as an additive (instead of water) to concrete mixes for patching, DRYLOK Latex Bonding Agent improves the adhesion and increases the resiliency and elasticity of the patch which greatly extends the life of the repaired area. DRYLOK Latex Bonding Agent may also be used to prime plaster cracks by brushing into the crack before filling with plaster. DRYLOK Latex Bonding Agent provides a long lasting, tight bond of the patch to the original surface helping to extend the life of the repaired area.

- Bonds concrete and plaster to difficult surfaces
- Add to patching cement, increases resiliency and elasticity of patch
- Improves performance of powdered waterproofers

BASIC USES

Bonds masonry to masonry, and concrete and plaster to difficult surfaces. Also makes cement, stucco and plaster adhere better.

TECHNICAL DATA

COMPOSITION:

N/A

SHEEN:

N/A

% WEIGHT SOLIDS:

30%

% VOLUME SOLIDS:

25%

DENSITY (LBS./US GAL.):

8.60

VISCOSITY:

N/A

pH:

9.3

COLORS:

N/A

DRY TIME:

- When added to concrete mixes: N/A
- When used before topcoating with plaster or concrete: 30 minutes
- When added to powder waterproofers: N/A

Note: Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.

CLEAN UP:

Soap and water
Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

COVERAGE (SQ. FT./US GAL.):

- Up to 500 sq. ft./gal.

Note: Actual coverage will vary depending upon application method, surface texture and porosity.

RECOMMENDED FILM THICKNESS/COAT:

N/A

FLASH POINT:

N/A

SHELF LIFE:

N/A

FREEZE/THAW:

Keep from freezing

CONTAINER SIZES:

One quart (US) and one gallon (US) containers

VOC

N/A

TINTING

N/A

SURFACE PREPARATION

Surface must be clean, dry and free of oil, grease and powdery or peeling materials. Protect from freezing.

NOTE: Protect from freezing. If Bonding Agent arrives in a frozen condition, allow to thaw at room temperature for 24 hours before using. Use only when air and surface temperatures are above 50°F.

WARNING

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

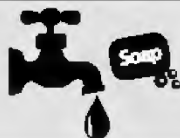
APPLICATION

To Strengthen Concrete Mixes: Slowly add DRYLOK Latex Bonding Agent to cement powder (1 quart DRYLOK Latex Bonding Agent to 3 parts cement powder



DRY TIME:

Varies on Application



CLEAN-UP:

Soap and Water



COVERAGE:

Varies on Application



SPREAD RATE:

500 Sq. Ft./Gallon

for normal repairs) stirring constantly until consistency is smooth. Adjust consistency if necessary by adding additional latex or cement.

When repairing small cracks, mix DRYLOK Latex Bonding Agent and concrete powder to a thin consistency; for deep or wide repairs, use a heavy consistency.

To Patch or Repoint: Brush or spray Bonding Agent on the surface to be repaired. Apply full strength. Do not thin. Once DRYLOK Latex Bonding Agent changes from milky color to a clear glaze (approx. 30 minutes) it is dry and ready for a top coating of plaster or concrete.

To Improve Powdered Waterproofers: Mix DRYLOK Bonding Agent with water in a one to one ration and use this mixture instead of water to prepare the powdered masonry waterproofer.

CAUTION

Avoid prolonged contact with skin. Close container after each use.

DO NOT TAKE INTERNALLY.

KEEP OUT OF REACH OF CHILDREN

This product contains a chemical known to the State of California to cause cancer.

FIRST AID

EYES: Immediately flush eye thoroughly with water for at least 15 minutes. Consult a physician if irritation persists.

SKIN: Wash affected area with soap and water. Consult a physician if irritation is present.

INGESTION: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth. Place individual on the left side with head down. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting.

INHALATION: Remove to fresh air.

For additional health and safety information

please refer to the "Safety Data Sheet".

WARRANTY

N/A

SPECIFICATION

N/A



Latex Bonding Agent

1 QT. 4/Case22212
1 GAL. 2/Case22213

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