



The School Board of Broward County, Florida
Office of Facilities & Construction
1643 North Harrison Parkway
Sunrise, FL 33323

(754) 321-1500

Document 01330a (00 62 11)-Submittal Form

To:
(Project consultant)

Submittal
No.: 014

Date: 12/26/2019

☐ Resubmittal

Attn: Vanessa Smith Torres
Project No: P.001866
Project Title: GOB Renovations
Facility Name: River Glades Elementary School
Location No: 2891

(One Submittal item per form)

We hereby submit:

Qty	Reference Number	Title/Description/ Manufacturer	Spec Section Title, Paragraph/ Drawing Detail Reference
1	014	Duct Sealant	SBBC No= 15.810-02 CSI No= 23 3113

- ☒ Submitted for Review and Approval.
☐ Resubmitted for Review and Approval.

- ☐ Complies with contract requirements.
☐ Will be available to meet construction Schedule.
☐ Reviewed, coordinated and approved by the Contractor.

Other remarks concerning submittal:

Lunacon Construction Group

Clara Uzategui

Digitally signed by Clara Uzategui
DN: cn=Clara Uzategui, o=Lunacon
Construction Group, Corp, ou,
email=cuzategui@lunaconcorp.com, c=US
Date: 2019.12.26 14:15:12 -0500

Integ

Contractor:

By: (Signature)

Contractor:

Retain copy for Project Files

To:
(Contractor)

Date
Received: _____

Date
Returned: _____

FROM:

Project Consultant

The referenced submittal has been/is:

- ☐ Approved
☐ Approved as Noted
☐ Disapproved/Resubmit
☐ Not Subject to Review
☐ Incomplete/Resubmit
- ☐ Provide file copy with corrections identified.
☐ Full Point by Point Comparative Data Required for Evaluation and Approval Process.
☐ Other:

By: (Signature)

Project Consultant:

Distribution: ☐ Contractor ☐ Owner ☐ Retain Copy for Project File

Submittal

Job: P.001866

GOB Renovation

Riverglades Elementary School

Location No: 2891

Spec Section No: 15.810-02

Submittal No: 014

Revision No:

Sent Date: 12/26/2019

Submittal Title: Duct Sealant

Contractor: Lunacon Construction Group

16890 S Dixie Highway

Miami, FL 33157

(786) 293-0035

A	<input checked="" type="checkbox"/>	NO EXCEPTIONS
B	<input type="checkbox"/>	EXCEPTIONS AS NOTED
C	<input type="checkbox"/>	RESUBMIT
D	<input type="checkbox"/>	REJECTED
E	<input type="checkbox"/>	FOR INFORMATION ONLY

SUBMITTAL REVIEW

This review is for conformance with the information given in the design concept expressed in the Contract Documents.

The Contractor remains responsible for:

- 1 Compliance with the Contract Documents
 - 2 Confirming and correlating quantities and dimensions
 - 3 Selecting fabrication processes and techniques of construction
 - 4 Coordination of this Work with other trades
 - 5 Performing this Work in a safe and satisfactory manner
 - 6 Compliance with the Contractor's construction schedule
 - 7 All other provisions of the Agreement
- It is understood that the Architect's notation on the submittal is not to be construed as an authorization for additional work or additional cost.

VDS
VIA DESIGN STUDIO
AA26002071

Reviewed: VST
Checked: VST
Date: 01/17/20

VIA Design Studio, LLC
Vanessa Smith Torres

Contractor's Stamp



☒ Approved ☐ Revise & Resubmit

☐ Rejected ☐ Approved As Noted

Checked as to General Arrangement and Conformity with Contract Document.

Subcontractor is advised that failure of the Architect-Engineer or the General Contractor to direct and correct an error in the material submitted for approval or errors in either size or location dimensions, does not in any way relieve the supplier/ subcontractor of his responsibility to comply in all details with the true meaning and intent of the contract documents.

By: Clara Uzcategui Date: 12/26/2019
Submittal: 15.810-02

Architect's Stamp

Engineer's Stamp

JOHNSON, AVEDANO, LOPEZ, RODRIGUEZ & WALEWSKI
ENGINEERING GROUP, INC.

SUBMITTAL REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND CONTRACT DOCUMENTS.

MARKING OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, NOR DEPARTURES THEREFROM. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY FOR CONFIRMING AND CORRELATING ALL QUANTITIES, FOR ASCERTAINING THAT DIMENSIONS OF EQUIPMENT AND MATERIALS SUBMITTED WILL FIT WITHIN THE ALLOCATED SPACE, JOB CONDITIONS AND DIMENSIONS, FOR SELECTING FABRICATING PROCESS, FOR TECHNIQUES OF ASSEMBLY AND CONSTRUCTION AND FOR PERFORMING THE WORK IN A SAFE MANNER.

☒ REVIEWED ☐ REVIEWED AS NOTED ☐ REVISE AND RESUBMIT ☐ REJECTED

REVIEWED BY: John G. Cumper, P.E.

SUBMITTAL No.: 014 - Duct Sealant

DATE: Jan 17, 2020.



1030

WATER BASED DUCT SEALANT

A fiber reinforced, water based, premium quality, UL Listed 181A-M / B-M, high velocity duct sealant for commercial and residential supply and return air duct use.

Recommended Uses:

DP 1030 is recommended for sealing joints, seams, and duct wall penetrations on metal air duct.

DP 1030 is recommended for sealing connections on flexible duct or fiberglass duct board.

DP 1030 is recommended up to 15 inches water column pressure.

Features and Benefits:

- **LEED** Qualified
- **ZERO** VOC's
- UL Listed
- Excellent Workability
- Crack and Peel Resistant
- Mold and Mildew Resistant
- Excellent Dry Adhesion
- Indoor and Outdoor Usage
- Minimal Shrinkage
- Sag Resistant
- Excellent Water and U.V. Resistance
- Meets FDA, USDA, and EPA Standards
- Meets Requirements of NFPA 90A & 90B, ASTM E-84, and UL-723
- Paintable with latex or epoxy paints after cured

Directions For Use:

Uses: DP 1030 may be used to seal joints on metal, flexible, and fiberglass duct board supply and return air duct.

Surface Preparation: Surfaces should be clean, dry and free of dirt, oil and any foreign matter.

For sheet metal duct: DP 1030 should be applied to all connections according to SMACNA standards. Brush, caulk, pump, or trowel DP 1030 on all duct seams. Apply to TDC/TDF and applied flange corners. Apply to all penetrations in the duct wall including sheet metal screw heads and tie rods. When caulking DP 1030, sealant should be brushed into seams.

For round and oval spiral duct: Apply DP 1030 to the male section of the fitting or to the inside slip duct coupling. Secure with sheet metal screws per manufacturers requirements. Apply a 2-inch band of DP 1030 around outside of joint, covering all screws.

For rigid fiberglass air duct: Assemble sections according to the manufacturers recommendations. Apply a 3-inch by 20 mil band of DP 1030 to the joint. Embed a fiberglass scrim (5 mil, 20 x 10 plain weave, 1.75 oz per sq. yd.) in the sealant and apply another 20 mil coat of DP 1030 over the scrim.

For flexible duct: Install flexible duct per manufacturers instructions using drawbands or mechanical fastener. Apply DP 1030 at a rate of 80-90 sq. ft. per gallon (20-40 mils) between the end of the duct and the collar in a 2-inch band. Use DP 1030 to seal all connections of collar to metal duct or rigid fiberglass ductboard.

Pressure Testing: Allow at least 48 hours before pressure testing. Since temperature and humidity conditions may vary, longer cure times may be required for specific installations.

DO NOT APPLY WHEN RAIN OR FREEZING TEMPERATURES WILL OCCUR WITHIN 36 HOURS. DO NOT THIN.

Technical Data:

Color: Gray or White

Base: Water

Chemical Family: Synthetic Latex

Solids Content: 66 ± 2%

Viscosity: Approx. 300,000 - 400,000 cps

Application Temperature: 40°F - 110°F

Storage Temperature: 40°F - 110°F

Freeze/Thaw Stability: Do not allow to freeze

Service Temperature: -25°F - 200°F

Flammability: Non-flammable wet or dry

Flash Point: No flash to boiling

Shelf Life: 2 Years (unopened containers)

Cure Time: 24-72 hours depending on temperature, humidity, and application

Coverage: Dependent on application thickness, 80-90 sq. ft. at 20-40 wet mils

Clean Up: Use warm water and soap

Packaging: 1/12 gallon tubes, 1 gallon pails, 2 gallon pails, 5 gallon pails, 54 gallon drums

Pressure Classes: Meets all SMACNA pressure classes

Seal Classes: Meets all SMACNA seal classes

VOC: 0g/l

ASTM E-84 SURFACE BURNING CHARACTERISTICS
 DP 1030 Duct Sealant applied to inorganic reinforced cement board
 Flame Spread: 0 Smoke Developed: 0
 Test applied in two 2" wide strips 8" on center (coverage 16% of the exposed test sample area) at a spread rate of 250 sq. ft. per gal.
 Flash point of finished sealant, closed cup. No flash to boiling.

<p>UNDERWRITERS LABORATORIES INC. LISTED ADHESIVES 16UK UL 181 A-M For use with UL Listed rigid fiberglass air ducts or connectors UL 181 B-M For use with UL Listed flexible air ducts or connectors</p>	
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