



Planning

Architecture

Interior design

Graphic Design

Project Management

ADDENDUM to CONTRACT DOCUMENTS

Date: November 21, 2018

To: All Bidders

From: Maureen Rozanski, BSA+A

Copies: All Bidders
Mark DeVore, DTCC
Gerard McNesby, DTCC

Project Name: Delaware Technical Community College
Middletown Training Center
Renovations

Project Number: 18.010

Subject: **ADDENDUM 2**

NOTICE:

Attention is called to the following item(s), effective as of the date above, which shall be added to, deleted from, or changed in the contract documents dated **October 22, 2018** and any previously issued addenda, thereby incorporating these items into the contract documents.

Attach this Addendum to the project manual for this project. Work or materials not specifically mentioned herein are to be as described in the main body of the specifications and as shown on the drawings. Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

The following clarification, changes and/or additions shall by this reference be incorporated into the contract documents as though fully set forth therein.

Buck Simpers Architect
+ Associates, Inc.
954 Justison Street
Wilmington, DE 19801
302.658.9300
fax 658.1125
www.simpers.com

A. GENERAL

Item No.	Item
A-1	N/A

B. BIDDER QUESTIONS & CLARIFICATIONS

Item No.	Question/Answer:
B-1	<p>Q: Drawing A101 note to prep existing concrete to receive sealant. What is meant by sealant? Also, 108 received no new floor finish, what is the intent for the glue remaining on the floor after the VCT id demoed?</p> <p>ANSWER: Sealant to be clear concrete sealer by Sherwin Williams H&C Clarishield Water Based Wet Look Concrete Sealer; See attached product data.</p> <p>Drawing A101 - OMIT NOTE: Demolition Key Note 1 - by General Contractor: Prep and finish existing concrete as required to receive a sealant that is suitable for new materials or existing to remain</p> <p>Drawing A101 - REPLACE WITH NOTE: Demolition Key Note 1 - by General Contractor: Through abatement process, residual glue and adhesives were removed, however the General Contractor is responsible to remove any remaining adhesive as necessary, prep and finish concrete slab as required to receive clear concrete sealer.</p>
B-2	<p>Q: Drawing A103 calls for metal shelving. Will this be done by the owner? if not, specifications are needed.</p> <p>ANSWER: Metal Shelving by owner.</p>
B-3	<p>Q: Will exterior sign be part of this contract? If so, specifications are needed.</p> <p>ANSWER: Exterior Sign by owner.</p>
B-4	<p>Q: Page 3 for Section Site Grading Plan, calls for a sliding gate and fence, details are needed.</p> <p>ANSWER: Sliding gate to be Centurion Template by Hoover Fence or approved equal; see attached Gate & Fencing Data - Centurion Template cut sheet for the product information and details.</p>
B-5	<p>Q: Drawing A001 shows marker board and tack board, locations and specifications are needed.</p> <p>ANSWER: All tack boards, marker boards and smart boards are by owner.</p>
B-6	<p>Q: Are fire extinguishers required? if so, locations are needed.</p> <p>ANSWER: Yes; refer to drawing CS001 - (1) FE at entrance 100 and (1) FE at corridor C100.</p>
B-7	<p>Q: Is room signage required? if so, specifications are needed.</p> <p>ANSWER: Room signage by owner.</p>
B-8	<p>Q: Drawing A3, site plan detail B calls for a skim coat of concrete. What is the depth? Can a material specification be issued on what is to be used?</p> <p>ANSWER: Contractor to provide SikaGrout 212, or approved equal, to level the front concrete pad to the design elevation. The grades are to be followed as shown on the</p>

		plans, approximately 1 ⁷ / ₈ " thick. Contractor shall follow all manufacturer instructions and the existing concrete pad surface should be roughened to a CSP-4 (Concrete Surface Profile 4) or higher to promote mechanical adhesion. See attached SikaGrout 212 product data sheet for technical specifications.
B-9		Q: Is there any sprinkler work required? ANSWER: In review of the project scope and perimeters, the agency having jurisdiction does not require sprinkler protection, therefore no sprinkler work is required.
B-10		Q: Drawing A301 shows canopy, specifications and details are needed. ANSWER: Canopy by owner.
B-11		Q: Will the owner use their own security contractor for card reader and install of electric hardware? ANSWER: Owner to provide all security devices, including all card readers. Contractor to provide all required infrastructure, including backboxes, conduit, pullwire and line voltage power to support security devices and systems. Contractor to coordinate associated work with owners security vendor.
B-12		Q: Has there been any addendum sent out on this project ? ANSWER: Yes; the addendum has been distributed through RCI to interested bidders and will be posted to the state website, mymarketplace.com.

C. MODIFICATIONS TO DRAWINGS

Item No.		Description:
C-1		N/A

D. MODIFICATIONS TO SPECIFICATIONS

Item No.		Description:
D-1		N/A

E. ATTACHMENTS

Items	Date
Sherwin Williams H&C Clarishield Water Based Wet Look Concrete Sealer Data Sheet	11/21/2018
Gate & Fencing Data - Centurion Template cut sheet	11/21/2018
SikaGrout 212 product data sheet	11/21/2018
DTCC-Middletown Training Center RFI Log	11/21/2018

END OF ADDENDUM 2

Product Details

H&C CLARISHIELD WATER-BASED WET LOOK CONCRETE SEALER



Product Details

- Interior and exterior use
- Can be used on bare or painted concrete and masonry surfaces
- High solid content
- Suitable for driving surfaces
- Ideal gloss finish over Solid Color Stain Water-Based
- Rolls on milky white and dries clear

AVAILABLE SHEENS

Gloss

This lustrous, durable finish is great for windows, doors and trim or any area that you would like to highlight.

Product Specifications

Ratings & Reviews

Tips & Advice

OVERALL RATING



H&C® CLARISHIELD Water-Based Wet Look Concrete Sealer is a water-based, sealer that is user-friendly, as well as durable. Suitable for interior and exterior surfaces as CLARISHIELD Water-Based Wet Look Sealer is solvent-free. Applies milky white to ensure complete coverage, but dries to a transparent, durable gloss finish. Clean up is simple with just soap and water, no messy residues. Stir in H&C's Shark Grip™ Slip Resistant Additive for inclined surfaces or damp areas. This product can be applied over previously painted or stained surfaces.

Container Size: **1 Gallon**

Sheen: **Gloss**

Base: **Clear**

List Price: \$61.49

Sales Number: 6507-12250

Product Number: 50.148154

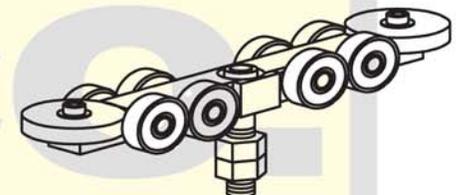
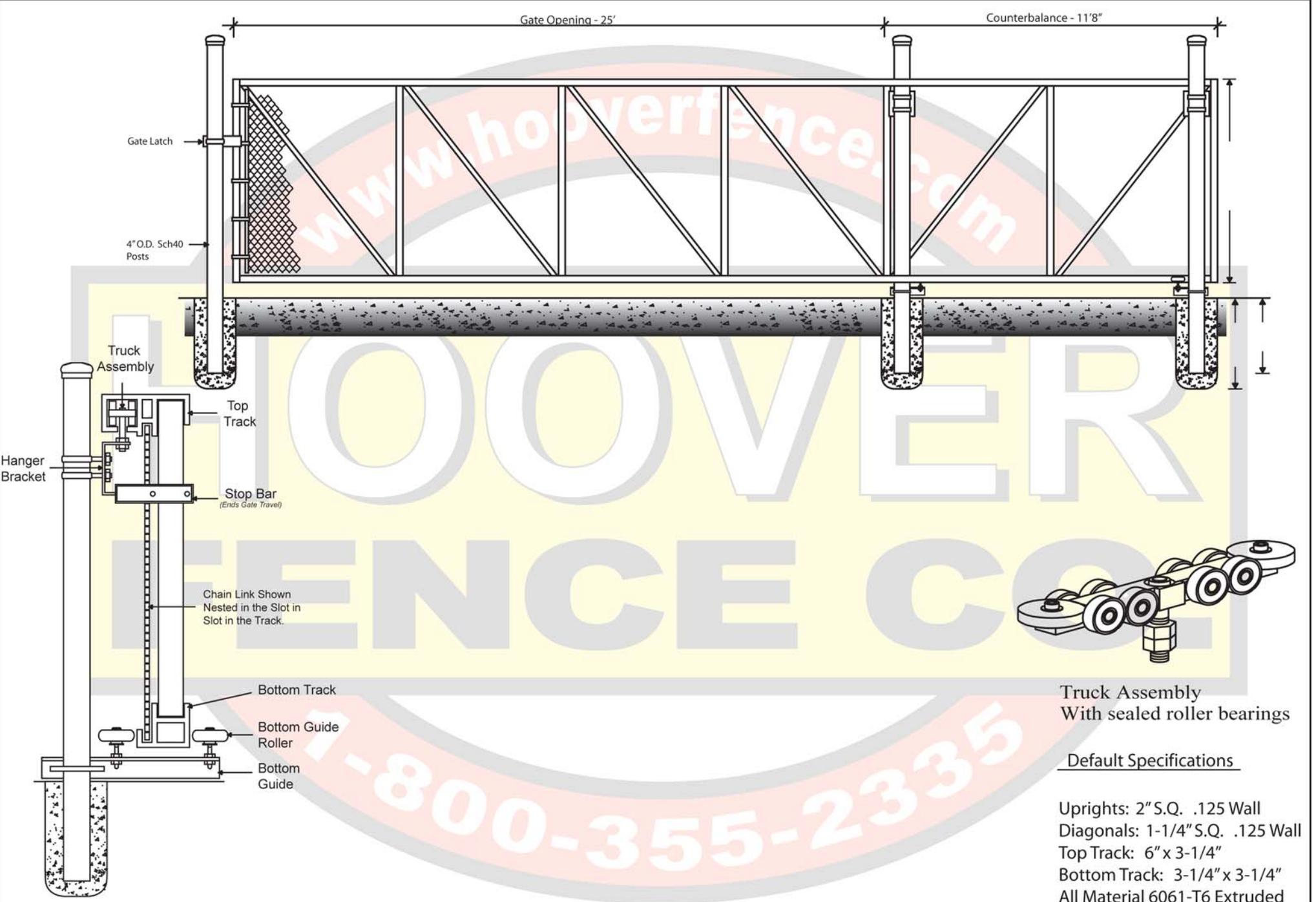
We can also be reached by phone at:
1-800-4-SHERWIN (1-800-474-3794)



NOTES:

All prices displayed are for U.S. Sherwin-Williams locations and are in U.S. Dollars. Prices do not include taxes or other fees as applicable.





Truck Assembly
With sealed roller bearings

Default Specifications

- Uprights: 2" S.Q. .125 Wall
- Diagonals: 1-1/4" S.Q. .125 Wall
- Top Track: 6" x 3-1/4"
- Bottom Track: 3-1/4" x 3-1/4"
- All Material 6061-T6 Extruded



Project:		25' Aluminum Slide Gate	
Approved By/Date	Revision NO.	Drawing NO.	
Drawn By:	Effective Date		

PRODUCT DATA SHEET

SikaGrout[®]-212

GENERAL PURPOSE CEMENTITIOUS GROUT

PRODUCT DESCRIPTION

SikaGrout[®]-212 is a one-component, ready to mix, free flowing, non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism.

USES

- General purpose grouting
- Machine and column base plates
- Anchor rods, bearing plates
- Ram in place as a dry pack
- Trowel-apply as a medium flow
- Pour or pump as high flow
- Bedding joints in pre-cast concrete sections
- Filling cavities, voids, gaps and recesses
- On grade, above and below grade
- Indoors and out

CHARACTERISTICS / ADVANTAGES

- Easy to use (ready to mix powder)
- Shrinkage compensated properties in both the plastic and hardened states
- Multiple fluidity with a single component
- Good bond to concrete
- Non-metallic, will not stain or rust
- Contains no chloride
- Blend of shrinkage-reducing and plasticizing/water-reducing agents
- Low heat build-up
- Excellent for pumping: does not segregate, even at high flow. No build-up on equipment hopper
- Superior freeze/thaw resistance
- Resistant to oil and water

APPROVALS / STANDARDS

- Meets ASTM C-1107 (Grade C)
- Shows positive expansion when tested in accordance with ASTM C-827
- SikaGrout[®]-212 is USDA certifiable

PRODUCT INFORMATION

Chemical Base	Cement, selected fillers and aggregates, special additives
Packaging	50 lb (22.7 kg) bag
Appearance / Color	Gray powder
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage Conditions	Store dry at 40–95 °F (4–35 °C) Protect from moisture. If damp, discard material

TECHNICAL INFORMATION

Compressive Strength		Plastic	Flowable	Fluid	(ASTM C-942)
	1 day	4,500 psi (31 MPa)	3,500 psi (24.1 MPa)	2,700 psi (18.6 MPa)	73 °F (23 °C) 50 % R.H
	7 days	6,100 psi (42 MPa)	5,700 psi (39.3 MPa)	5,500 psi (37.9 MPa)	
	28 days	7,500 psi (51.7 MPa)	6,200 psi (42.7 MPa)	5,800 psi (40 MPa)	
Flexural Strength	28 days	1,400 psi (9.6 MPa)	1,200 psi (8.2 MPa)	1,000 psi (6.8 MPa)	(ASTM C-293) 73 °F (23 °C) 50 % R.H
Splitting Tensile Strength	28 days	600 psi (4.1 MPa)	575 psi (3.9 MPa)	500 psi (3.4 MPa)	(ASTM C-496) 73 °F (23 °C) 50 % R.H
Tensile Adhesion Strength	28 days	2,000 psi (13.7 MPa)	1,900 psi (13.1 MPa)	1,900 psi (13.1 MPa)	(ASTM C-882 modified) 73 °F (23 °C) 50 % R.H
Expansion	28 days	+0.021 %	+0.056 %	+0.027 %	(ASTM C-1090) 73 °F (23 °C) 50 % R.H.

APPLICATION INFORMATION

Mixing Ratio	Plastic	Flowable	Fluid		
	6 pt	6.5 pt	8.5 pt		
Coverage	0.44 ft ³ (0.01 m ³) at fluid consistency (Coverage figures do not include allowance for surface profile and porosity or material waste)				
Layer Thickness	Min.	Max.			
	1/2" (12.7 mm)	4" (101.6 mm)			
	Thicker applications can be achieved. Contact Sika® Technical Services Department for further information.				
Flowability	Plastic ¹	Flowable ¹	Fluid ²	(ASTM C-1437 ¹ ASTM C-939 ²)	
	100–124 %	124–145 %	20–40 sec		
Product Temperature	65–75 °F (18–24 °C)				
Ambient Air Temperature	> 45 °F (7 °C)				
Substrate Temperature	> 45 °F (7 °C)				
Pot Life	~15 minutes As the temperature will affect the pot life, application temperature: <ul style="list-style-type: none"> ▪ Above 73 °F (23 °C) will reduce the pot life and flow ▪ Below 73 °F (23 °C) will extend the pot life and flow 				
Set Time		Plastic	Flowable	Fluid	(ASTM C-266)
	Initial	3.5–4.5 h	4.0–5.0 h	4.5–6.5 h	73 °F (23 °C)
	Final	4.5–5.5 h	5.5–6.5 h	6.0–8.0 h	50 % R.H

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- Remove all dirt, oil, grease, and other bond-inhibiting materials by mechanical means.
- Anchor bolts to be grouted must be de-greased with suitable solvent.
- Concrete must be sound and roughened to a CSP 4 or higher to promote mechanical adhesion.
- Prior to pouring, surface should be brought to a Saturated Surface Dry (SSD) condition.
- Steel should be cleaned and prepared thoroughly by blastcleaning to a white metal finish.
- Follow standard industry and Sika® guidelines for use as an anchoring epoxy.
- Where grout-tight form is difficult to achieve, use SikaGrout®-212 in dry pack consistency.

FORMING

- For pourable grout, construct forms to retain grout without leakage.
- Should be lined or coated with bond-breaker for easy removal.
- Should be sufficiently high to accommodate head of grout.

MIXING

- Pour the water in the recommended proportion into a suitable mixing container.
- While mixing slowly, add the powder to the water.
- Mix thoroughly for 3 minutes with low speed (< 500 rpm) hand drill mixer to avoid entraining too much air and until homogenous with no lumps.

EXTENSION WITH AGGREGATES

- For deeper applications (plastic and flowable consistency only), 25 lbs. of 3/8" (9.5 mm) coarse aggregate can be added.
- The aggregate must be non-reactive (reference ASTM C-1260, C-227 and C-289), clean, well graded, saturated surface dry, have low absorption and high density, and comply with ASTM C-33 size number 8 per Table 2.
- Variances in aggregate may result in different strengths.
- Add pea gravel after the water and SikaGrout®-212.

APPLICATION

- Within 15 minutes after mixing, place grout into forms in normal manner to avoid air entrapment.
- Vibrate, pump, or ram grout as necessary to achieve flow or compaction. SikaGrout®-212 must be confined in either the horizontal or vertical direction leaving minimum exposed surface.
- SikaGrout®-212 is an excellent grout for pumping, even at high flow.
- For pump recommendations, contact Technical Service.

- After grout has achieved final set, remove forms, trim or shape exposed grout shoulders to designed profile.

CURING TREATMENT

Wet cure for a minimum of 3 days or apply a curing compound which complies with ASTM C-309 on exposed surfaces.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use.

LIMITATIONS

- Not to be used as an overlay in unconfined spaces
- Not to be used as a patch repair
- Avoid application in direct sun and/or strong wind
- Apply only to sound, prepared substrate
- Do not add additional water after application as this may cause cracking
- Protect freshly applied material from freezing and frost
- Keep exposed surfaces to a minimum
- As with all cement based materials, avoid contact with aluminum to prevent adverse chemical reaction and possible product failure. Insulate potential areas of contact by coating aluminum bars, rails, posts etc. with an appropriate epoxy such as Sikadur® Hi-Mod 32.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Keep container tightly closed. Keep out of reach of children. Not for internal consumption. For industrial use only. For professional use only. For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

0 g/L

(EPA Method 24)

LEGAL DISCLAIMER

KEEP CONTAINER TIGHTLY CLOSED •KEEP OUT OF REACH OF CHILDREN •NOT FOR INTERNAL CONSUMPTION •FOR INDUSTRIAL USE ONLY •FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 201-933-8300.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 800-933-7452
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Sika Canada Inc.
601 Delmar Avenue
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Phone: 514-697-2610
Fax: 514-694-2792

Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



Product Data Sheet
SikaGrout®-212
August 2018, Version 01.02
020201010010000002

SikaGrout-212-en-US-(08-2018)-1-2.pdf



OWNER: Delaware Technical Community College (DTCC)

RFI LOG

PROJECT NUMBER: 18.01
PROJECT NAME: Middletown Training Center



RFI #	Question	Received from Contractor	Sent to Consultant	Received from Consultant	Returned to Contractor	Response
1	Provide more information concerning the scope of work for this project.	11/5/2018	11/5/2018	11/16/2018	11/16/2018	The project involves interior and exterior renovation consisting of, but not limited to, interior partitions, ceilings, mechanical, electrical, plumbing and site improvements; Refer to Summary section of Specifications for further information
2	Please provide a Full Set of Drawings & Specifications for the project.	11/5/2018	11/5/2018	11/16/2018	11/16/2018	Bid documents are available at RCI at 302.328.5019; first set of documents are free of charge
3	Are the documents available now or after the Pre-bid Meeting?	11/6/2018	11/6/2018	11/6/2018	11/6/2018	The documents will be available at RCI the day of the pre-bid meeting.
4	Is there a cost estimate or budget available?	11/8/2018	11/8/2018	11/16/2018	11/16/2018	No project budget is available
5	What certifications are required in order to bid?	11/9/2018	11/9/2018	11/16/2018	11/16/2018	A Delaware Business License Number and Taxpayer ID Number are required per the Bid Form; It is the responsibility of the General Contractor to comply with all other required certifications upon award
6	How can I obtain plans and Specs?	11/9/2018	11/9/2018	11/16/2018	11/16/2018	Bid documents are available at RCI at 302.328.5019; first set of documents are free of charge
7	Regarding the initial set of drawings at no cost, do we order those through RCI or you?	11/14/2018	11/14/2018	11/14/2018	11/14/2018	Contact RCI at 302.328.5019 for the first set of drawings (Free of Charge)
Addendum 2						
8	Drawing A101 note to prep existing concrete to receive sealant. What is meant by sealant? Also, 108 received no new floor finish, what is the intent for the glue remaining on the floor after the VCT id demoed?	11/19/2018	11/20/2018	11/20/2018	11/20/2018	Sealant to be clear concrete sealer by Sherwin Williams H&C Clarishield Water Based Wet Look Concrete Sealer; See attached product data. Drawing A101 - OMIT NOTE: Demolition Key Note 1 - by General Contractor: Prep and finish existing concrete as required to receive a sealant that is suitable for new materials or existing to remain Drawing A101 - REPLACE WITH NOTE: Demolition Key Note 1 - by General Contractor: Through abatement process, residual glue and adhesives were removed, however the General Contractor is responsible to remove any remaining adhesive as necessary, prep and finish concrete slab as required to receive clear concrete sealer.
9	Drawing A103 calls for metal shelving. Will this be done by the owner? if not, specifications are needed.	11/19/2018	11/20/2018	11/20/2018	11/20/2018	By owner.
10	Will exterior sign be part of tis contract? If so, specifications are needed.	11/19/2018	11/20/2018	11/20/2018	11/20/2018	By owner.
11	Page 3 for Section Site Grading Plan, calls for a siding gate and fence, details are needed.	11/19/2018	11/20/2018	11/20/2018	11/21/2018	Sliding gate to be Centurion Template by Hoover Fence or approved equal; see attached Gate & Fencing Data - Centurion Template cut sheet for the product information and details.
12	Drawing A001 shows marker board and tack board, locations and specifications are needed.	11/19/2018	11/20/2018	11/20/2018	11/21/2018	All tack boards, marker boards and smart boards are by owner.
13	Are fire extinguishers required? if so, locations are needed.	11/19/2018	11/20/2018	11/20/2018	11/20/2018	Yes; refer to drawing CS001 - (1) FE at entrance 100 and (1) FE at corridor C100.
14	Is room signage required? if so specifications are needed.	11/19/2018	11/20/2018	11/20/2018	11/20/2018	By owner.
15	Drawing A3, site plan detail B calls for a skim coat of concrete. What is the depth? Can a material specification be issued on what is to be used?	11/19/2018	11/20/2018	11/20/2018	11/21/2018	Contractor to provide SikaGrout 212, or approved equal, to level the front concrete pad to the design elevation. The grades are to be followed as shown on the plans, approximately 17/8" thick. Contractor shall follow all manufacturer instructions and the existing concrete pad surface should be roughened to a CSP-4 (Concrete Surface Profile 4) or higher to promote mechanical adhesion. See attached SikaGrout 212 product data sheet for technical specifications.
16	Is there any sprinkler work required?	11/19/2018	11/20/2018	11/20/2018	11/20/2018	In review of the project scope and perimeters, the agency having jurisdiction does not require sprinkler protection, therefore no sprinkler work is required.
17	Drawing A301 shows canopy, specifications and details are needed.	11/19/2018	11/20/2018	11/20/2018	11/21/2018	Canopy by owner.
18	Will the owner use their own security contractor for card reader and install of electric hardware?	11/19/2018	11/20/2018	11/20/2018	11/21/2018	Owner to provide all security devices, including all card readers. Contractor to provide all required infrastructure, including backboxes, conduit, pullwire and line voltage power to support security devices and systems. Contractor to coordinate associated work with owners security vendor.
19	Has there been any addendum sent out on this project?	11/20/2018	11/20/2018	11/20/2018	11/20/2018	Yes; the addendum has been distributed through RCI to interested bidders and will be posted to the state site.