



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

April 24, 2025

Please find the following addendum to the QUOTE.

Addendum No.: 1

Quote#: 25-23-1

Project Name: Solomon Dr. Sinkhole Repair

Quote Due Date: Wednesday, April 30, 2025

GENERAL INFORMATION:

1. Approved Equal – Quadex Quad-Plug (See attached)

QUESTIONS & ANSWERS:

Question 1: Would you consider Quadex Quad-Plug as an approved cementitious grout for this project?

Answer 1: Please refer to General Information# 1

ATTACHMENTS:

1. Technical Data Sheet
2. Safety Data Sheet

<< End of Addendum # 1>>



TYPICAL PERFORMANCE CHARACTERISTICS*

- **Compressive Strength (ASTM C39)**
30 min. >1,500 psi | 10.34 MPa
- **Bond Strength (ASTM C882)**
28 day >500 psi | 3.45 MPa

* The values stated in inch-pound units are to be regarded as the standard. The values given in International System are for information only.

RECOMMENDED FOR

- Sewer Pipes and Manholes
- Concrete Tanks
- Elevator Pits
- Cisterns
- Basements
- Concrete & Masonry Walls

FEATURES AND BENEFITS

- Stops running water immediately
- Non-Shrink, expands as it sets
- Contains no calcium chloride
- Non-Metallic
- Sulfate resistant
- Easily applied
- No Mixing



Fast Setting Cementitious Waterstop

DESCRIPTION

Quad-Plug® is a blend of special cements and admixtures which are designed to instantly stop running water or seepage in all types of concrete and masonry structures.

PACKAGING

Quad-Plug is supplied in a 50 lb. | 11.34 kg. plastic pail.

YIELD

Quad-Plug will yield approximately 0.49 cu. ft. | 0.014 cu. m. per pail.

APPLICATION INFORMATION

To Seal Running Water or Leaks

Prepare crack or hole by chipping out loose material to a minimum depth and width of 0.75 in. | 19.05 mm. Using a rubber gloved hand, place a generous amount of dry Quad-Plug to active leak and maintain external pressure for 60 seconds. Repeat until leak stops.

WARRANTY

Quadex, LLC warrants its products to be free of defects in material and workmanship. Unless superseded by project specifications and terms agreed upon in writing between installer and Quadex prior to bid, if within one year from purchase, any Quadex, LLC product is proven defective, the company will replace said product or refund its purchase price at its sole discretion. The company's obligation shall be limited solely to such replacement or refund. There are no other warranties by Quadex, LLC, expressed or implied. There is no warranty if Quadex products are used contrary to Quadex, LLC's written directions.

PRECAUTIONS

Avoid eye contact or prolonged contact with skin. Wash thoroughly after use. Persons using Quad-Plug should wear necessary eye protection, dust mask and rubber gloves. Read all product labels and technical literature.


**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name	• Quad-Plug®
Trade Name	• Quad-Plug®
Company	• Quadex LLC, 564 W. 9320 S., Sandy, UT 84070
Company Contact	• Matthew Peterson
Company Phone	• 844-782-4832
Emergency	• Domestic Shipments and to Canada: 1-800-633-8253 • International Shipments: 1-801-629-0667

2. HAZARDS IDENTIFICATION

Emergency Overview											
<i>OSHA Hazards</i>	<i>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</i>										
<i>GHS Classification</i>	<table> <tr> <td><i>Skin corrosion/irritation</i></td><td>• Category 1</td></tr> <tr> <td><i>Serious eye damage/ Eye irritation</i></td><td>• Category 1</td></tr> <tr> <td><i>Skin sensitization</i></td><td>• Category 1</td></tr> <tr> <td><i>Carcinogenicity/inhalation</i></td><td>• Category 1A</td></tr> <tr> <td><i>Specific target organ toxicity: Single exposure (respiratory tract irritation)</i></td><td>• Category 3</td></tr> </table>	<i>Skin corrosion/irritation</i>	• Category 1	<i>Serious eye damage/ Eye irritation</i>	• Category 1	<i>Skin sensitization</i>	• Category 1	<i>Carcinogenicity/inhalation</i>	• Category 1A	<i>Specific target organ toxicity: Single exposure (respiratory tract irritation)</i>	• Category 3
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<i>Precautionary Statement(s): Prevention</i>	<ul style="list-style-type: none"> • Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Use outdoors in a well ventilated area. Wash any exposed body parts thoroughly after handling. Wear protective gloves/protective clothing/ eye protection/face protection. Contaminated clothing must not be allowed out of the workplace. 										
<i>Response</i>	<ul style="list-style-type: none"> • If exposed or concerned: Immediately get medical advice/attention if you feel unwell or irritation or rash occurs. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Rinse mouth. Do not induce vomiting. 										

2. HAZARDS IDENTIFICATION (CONTINUED)

Precautionary Statement(s): Storage	<ul style="list-style-type: none"> Restrict or control access to stockpile areas (store locked up). Engulfment hazard: To prevent burial or suffocation, do not enter a confined space, such as a silo, bulk truck or other storage container or vessel that stores or contains cement without an effective procedure for assuring safety. Store in a well ventilated area. Keep container tightly closed.
Disposal	<ul style="list-style-type: none"> Dispose of contents/container in accordance with local/regional/national/international regulations.
HNOC	<ul style="list-style-type: none"> None known.
Supplemental Information	<ul style="list-style-type: none"> Dispose of contents/container in accordance with local/regional/national/international regulations.
Additional Information	<ul style="list-style-type: none"> Overexposure to portland cement can cause serious, potentially irreversible skin or eye damage in the form of chemical (caustic) burns, including third degree burns. The same serious injury can occur if wet or moist skin has prolonged contact exposure to dry portland cement.
Hazard statement(s)	<ul style="list-style-type: none"> Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause cancer.
Signal Word	<ul style="list-style-type: none"> Danger
Pictogram	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Cas #	Weight Concentration %
Portland Cement	<ul style="list-style-type: none"> 65997-15-1 	<ul style="list-style-type: none"> 40-100
Admixtures		<ul style="list-style-type: none"> 1-15
Monocrystalline Quartz	<ul style="list-style-type: none"> 14808-60-7 	<ul style="list-style-type: none"> 40-70

4. FIRST AID MEASURE

Inhalation	<ul style="list-style-type: none"> Remove to fresh air. Administer Oxygen if needed.
Skin Contact	<ul style="list-style-type: none"> Rinse with soap and water.
Eye Contact	<ul style="list-style-type: none"> Flush with large amounts of water.
Ingestion	<ul style="list-style-type: none"> Do not induce vomiting. Never give anything by mouth to an unconscious person. If discomfort or irritation persists, consult a physician.
Most Important Symptoms and Signs of Exposure	<ul style="list-style-type: none"> Dust could cause inflammation of eyes and upper respiratory system. Wet cement can dry or cause alkali burns to skin.

5. FIRE FIGHTING MEASURES

<i>Flash point</i>	• None
<i>Special Fire Fighting procedures</i>	• None
<i>Extinguishing Media</i>	• None
<i>Unusual Fire or Explosion Hazard</i>	• None

6. ACCIDENTAL RELEASE MEASURES

Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment as described in Section 8. Scrape up wet material and place in an appropriate container. Allow the material to “dry” before disposal. Do not attempt to wash down drains. Dispose of waste material according to local, state and federal regulations.

7. HANDLING AND STORAGE

<i>Precautionary Measures</i>	• Avoid contact with eyes, skin and clothing. Do not take internally. Practice good personal hygiene to avoid ingestion. Use only with adequate ventilation. Wash clothing before reuse. Store in dry place and keep sealed until ready to use. FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Skin Protection</i>	• Rubber Gloves, Standard work clothing and shoes.
<i>Respiratory Protection</i>	• Not normally required. Use NIOSH/MESHA approved respirator when needed.
<i>Ventilation</i>	• Local exhaust recommended if necessary. Mechanical exhaust recommend if necessary.
<i>Eye Protection</i>	• Goggles

9. PHYSICAL & CHEMICAL PROPERTIES

<i>Appearance</i>	• Grey and odorless
<i>Odor</i>	• Odorless
<i>Color</i>	• Grey
<i>Vapor Pressure</i>	• Not available.
<i>Vapor Density</i>	• Not available.
<i>Boiling Point</i>	• Not available.
<i>Melting Point</i>	• Not available.
<i>Solubility (water)</i>	• Slight (0.01-1.0%)
<i>Specific Gravity</i>	• Not available.
<i>Evaporation Rate</i>	• Not available.

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

<i>Stability</i>	<ul style="list-style-type: none"> Stable
<i>Hazardous Decomposition or Byproducts</i>	<ul style="list-style-type: none"> None
<i>Hazardous Polymerization</i>	<ul style="list-style-type: none"> Will not occur.
<i>Conditions to Avoid</i>	<ul style="list-style-type: none"> Although no hazardous reaction will occur, product should be kept dry.

11. TOXICOLOGICAL INFORMATION

<i>Carcinogenicity</i>	<ul style="list-style-type: none"> Not applicable.
<i>Mutagenicity</i>	<ul style="list-style-type: none"> Not applicable.
<i>Teratogenicity</i>	<ul style="list-style-type: none"> Not applicable.
<i>Reproductive</i>	<ul style="list-style-type: none"> Not applicable.

12. ECOLOGICAL INFORMATION

<i>Ecotoxicity</i>	<ul style="list-style-type: none"> No data available for product.
<i>Environmental effects</i>	<ul style="list-style-type: none"> No data available for product.

13. DISPOSAL CONSIDERATIONS

<i>Disposal Instructions</i>	<ul style="list-style-type: none"> Dispose in sanitary land fill in accordance with federal, state, and local regulations.
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14. TRANSPORT INFORMATION

<i>Proper Shipping Name</i>	<ul style="list-style-type: none"> Not applicable.
<i>UN/NA Number</i>	<ul style="list-style-type: none"> Not applicable.
<i>Domestic Hazard Class</i>	<ul style="list-style-type: none"> Not applicable.
<i>Surface Freight Classification</i>	<ul style="list-style-type: none"> Not applicable.
<i>Label/Placard Required</i>	<ul style="list-style-type: none"> Not applicable.

15. REGULATORY INFORMATION

<i>Status under USDOL-OSHA Hazard Communication Rule, 29 CFR 1910.1200</i>	<ul style="list-style-type: none"> Quad-Plug is considered a “hazardous chemical” under this regulation, and should be part of any hazard communication program.
<i>Status under CERCLA/SUPERFUND 40 CFR 117 and 302</i>	<ul style="list-style-type: none"> Not listed.
<i>Hazard Category under SARA (Title III), Sections 311 and 312</i>	<ul style="list-style-type: none"> Quad-plug qualifies as a “hazardous substance” with delayed health effects.
<i>Status under SARA (Title III), Section 313</i>	<ul style="list-style-type: none"> Not subject to reporting requirements under Section 313.
<i>Status under TSCA (as of May 1997)</i>	<ul style="list-style-type: none"> Some substances in quad-plug are on the TSCA inventory list.

15. REGULATORY INFORMATION (CONTINUED)

<i>Status under the Federal Hazardous Substances Act</i>	<ul style="list-style-type: none"> Quad-plug is a “hazardous substance” subject to statutes promulgated under the subject act.
<i>Status under California Proposition 65</i>	<ul style="list-style-type: none"> This product contains up to 0.05 percent of chemicals (trace elements) known to the State of California to cause cancer, birth defects or other reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove that the defined risks do not exist.

16. OTHER INFORMATION

<i>Further Information</i>	<ul style="list-style-type: none"> HMIS® is a registered trade and service mark of the NPCA.
<i>Disclaimer</i>	<ul style="list-style-type: none"> The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
<i>Issue Date</i>	<ul style="list-style-type: none"> Not available.
<i>This Data Sheet Contains</i>	<ul style="list-style-type: none"> Product and Company Identification: Synonyms changes from the previous Physical & Chemical Properties: Multiple Properties version in section(s): Transport Information: Material Transportation Information Regulatory Information: United States.