CITY OF MASSILLON MUNICIPAL GOVERNMENT ANNEX CITY ADMINISTRATION BUILDING MASSILLON, OHIO 44646

Phone: 330-830-1722 Fax: 330-830-1786

TRANSMITTAL

То:	Wenger Excavating, In Gaul/Gjorgi Kondev	nc/ Jeff	Date:	2/2	7/2014			
From:	Frederick P Werner					700		
Re:	2013 Levee Infrastruc Improvement Project	ture	Date Subm		7/2014			
WE ARE SEND	DING YOU:	3		2				
☑ ATTACHED	□ DRAWINGS	☑ SHOI DRAWING SUBMITT	GS/	□ CONTR	ACTS	□ CHANGE	ORDER	
	al CS-55 –, APPROVE Rd Blind Flange Detail		/ED					
Submittals ha	ve been reviewed with	h the follow	ing <u>exc</u>	ceptions:				
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APPLICATIONS

For use on most concrete structures.

SEALING PROPERTIES

- · Fast drying concrete damp-proof coating.
- Can be applied effectively with a brush, paint roller or sprayer.
- Soap and water clean up.
- Environmentally responsible.
- Suitable for indoor application without specialized paint areas.
- Nearly three times the coverage of typical tar or asphalt based products (300 - 350 sq. ft. per gallon).
- · Smooth, hard, polymer film that protects against water intrusion.
- Wide range of standard colors.
- Custom colors available upon request.

SPECIFICATIONS

ConSeal CS-55 complies with E.P.A. regulation 40CFR261.4 for solid waste management. CS-55 is made with environmentally safe ingredients, disposal of SUBMITTAL SHOP DRAWING REVIEW containers does not present problems.

IMMERSION TESTING

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HERE IN AUTHORIZES ADDITIONAL COST. THE OR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND

• One Year Immersion Testing: No wisible deterioration of the less of the design of the less of the le Potash, 5% Hydrochloric Acid, 5% Sulfuric Acid, and 5% Hydrogen Sulfide A SAFE AND SATISFACTORY MANNER

> CITY OF MASSILLON 151 LINCOLN WAY EAST MASSILLON, OHIO 44646

DATE



NOTAPPROVED REVISE/RESUBMIT Water-Based Acrylic Coating

TECHNICAL DATA

Heavy Metals Testing

EPA Limit CS-55 Parameter

Arsenic 5ppm BDL

100ppm 1.12ppm Barium

Cadmium 1ppm BDL Chromium 5ppm BDL Lead 5ppm BDL 0.2ppm BDL Mercury Selenium 1ppm BDL Silver 5ppm BDL

Scrape Adhesion Performance (ASTM D-2197)

Film Millage	Asphalt Coating 0.071"	CS-55 0.0038"
FORCE	Force Result	Result
500g	Passed with minimal damage	Passed with no damage
1000g	Failed 2/3rds of coating scraped off	Passed with no damage
1500g	Failed, complete film removal	Passed with minimal damage
2000g	Failed, complete film removal	Passed with minimal damage
2500g	Failed, complete film removal	Passed with minimal damage

LIMITED WARRANTY

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used We acception is possibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product of product. Users are advised to make their own tests to determine the safety and suitability of each such product combinations for their own purposes. It is the user's responsibility to satisfy himself as to the suitability and combleteness of such on information for this own particular use. We sell this product without warranty and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product whether used alone of in combination with other products.

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CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS: PERFORMANCE: SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION: COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON 151 LINCOLN WAY EAST MASSILLON, OHIO 44646 DATE



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NOTAPPROVED REVISE/RESUBMIT



CS-55 Black

Water-Based Acrylic Coating

REVISION DATE: 10/15/2009

PRODUCT IDENTIFICATION

PRODUCT NAME: CS-55 Black

PRODUCT CLASS: Waterbased Acrylic Damproofing Coating

HAZARDOUS INGREDIENTS

Occupational

Component Butoxy dipropanol CAS No. 29911-28-2 1.37

% by weight

Exposure Limits TLV N.E.

PEL N.E.

Vapor Pressure

2-butoxyethanol

111-76-2

2.6

25 ppm

50 ppm

Ammonia

7664-41-7

0.2

25ppm

50ppm

760mm Hg@ 20°C

N.E. = Not Established N.A. = Not Applicable

PHYSICAL DATA

BOILING RANGE: 212 -344°F

EVAPORATION RATE: Slower than butyl acetate

VAPOR DENSITY: Heavier than air

% VOLATILE WEIGHT: 65.63

APPEARANCE: Black Liquid WT/GAL: 8.65 LBS.

FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:

OSHA Combustible Liquid Class IIIB

DOT not regulated

Flash Point: over 201°F TCC

LEL: 0.6%

SUBMITTAL SHOP DRAWING REVIEW

Extinguishing Media: Foam, carbon dioxide, dry chemical, CONTRECTOR OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REPORT OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR UNITED THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR UNITED THE DRAWINGS AND SPECIFICATIONS.

Unusual Fire and Explosion Hazards: The material will not support combustion unless the water has exampled on Given in the Project and General Compliance with the in-Oktable of Given in the Project and General Compliance with the in-Oktable of Given in the Project and General Compliance with the in-Oktable of Given in the Project and General Compliance with the in-Oktable of Given in the Project and General Compliance with the in-Oktable of Given in the Project and General Compliance of Given in the Project and General Compliance of Given in the THORIZES ADDITIONAL COST. THE

Special Firefighting Procedures: Water may be used to complicated containers to prevent pressure build-up neighbor of contractor is responsible for pressure build-up neighbor of contractor is responsible for pressure and dimensions; performance: selecting correlating all quantities and dimensions; performance: selecting correlating all quantities of construction; coordinating is

FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION: COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN

A SAFE AND SATISFACTORY MANNER.

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HEALTH HAZARD DATA

TAPPROVE

REVISE/RESUBMIT

76 or 800.332.7325 P.O. Box 176, New Carlisle OH, 45344 APPS 7.845 FAX 937-845-3587 · www.conseal.com



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