

SHOP DRAWING REVIEW FORM AND TRANSMITTAL

DATE: November 18, 2021

TO: Carl Hendrickson
Project Manager
Veolia Water
825 West Water Street
Taunton, MA 02780

FROM: Michael Andrus, P.E.
Project Manager
BETA Group, Inc.
701 George Washington Hwy
Lincoln, Rhode Island 02865

RE: City of Taunton, MA
WWTF Phase 1 Improvements
Contract S-2021-1

Shop Drawing No. 03250-01 – Expansion, Construction and Control Joints

BETA COMMENTS:

<u>Item</u>	<u>Action Code</u>	<u>Description/Comments</u>
1	1	Approved

Action Codes

- 1 - No Exception Taken
- 2 - Make Corrections Noted
- 3 - Amend and Resubmit
- 4 - Rejected, See Remarks

- a. Installation shall proceed only when Action Code is '1' or '2'.
- b. Submittals action coded '3' shall be resubmitted within time limit set in Contract.
- c. Review does not relieve Contractor from responsibility of compliance with the Contract Documents.



Hart Engineering Corporation

SUBMITTAL:
03250-01

PROJECT: 9900. - Veolia/Taunton WWTF Phase 1 Improvements

DATE: 10/15/2021

SUBMITTAL: 03250-01 - Expansion, Construction and Control Joints

REVISION: 0

STATUS: Eng

SPEC #: 03250

TO:
Michael Andrus
Beta Group Inc.
6 Blackstone Place
Lincoln, RI 02865
MAndrus@BETA-Inc.com

FROM:
Ryan Murphy
Hart Engineering Corporation
800 Scenic View Drive
Cumberland, RI 02864
rmurphy@hartcompanies.com

Item	Revision	Description	Status	Date Sent	Date Returned
03250-01	0	Expansion, Construction and Control Joints	Eng	10/15/2021	
Notes:					

Additional Notes:

Status Codes

- 1-APP – No Exceptions Taken
- 2-ANR – Make Corrections Noted
- 3-R&R – Revise and Resubmit
- 4-REJ – Rejected
- 5-IPO – For Information Purposes Only
- 6-NRR – Not Required for Review
- ENG – Submitted to Engineer

Sincerely,
Hart Engineering Corporation

SHOP DRAWING REVIEW	
<input checked="" type="checkbox"/> 1 – Approved	<input type="checkbox"/> 2 – Approved as Noted
<input type="checkbox"/> 3 – Revise and Resubmit	<input type="checkbox"/> 4 – Rejected
<input type="checkbox"/> 5 – Record File Only – No Action Taken	
(Above Check Designates Action Code – See Review Comments)	
IMPORTANT NOTE FOR CONTRACTOR	
Review is only for general compliance with the design concept and information provided in Contract Documents. Corrections and comments made on the Shop Drawings during review do not relieve the Contractor from compliance with the requirements of the plans and specifications. Review and/or approval of a specific item shall not include review or approval of an assembly of which the item is a component. No approval or correction of a Shop Drawing shall be construed as an order for extra work. The Contractor is responsible for: all quantities and dimensions to be confirmed and correlated; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of the Work with that of all trades and subcontractors; and performing all Work in a safe and satisfactory manner.	
BETA GROUP, INC.	Checked By: <u>TW</u>
By: <u>JMR</u>	Date: <u>11/12/2021</u>

DATE: 10/15/2021



Jeremy Boulay
m) 7744068152
o) 4014344300
jboulay@csi-ri.com

Contractors Supply Inc.
3340 Pawtucket Ave
East Providence, RI
02915
United States

Project Name Taunton WWTP - Phase I

Package Name 03 02 50, v01

Due Date 13 Oct 2021

Revision # 1

Need By Date 13 Oct 2021

Package type For approval

Full submittal

03 02 50

#	Sub-section	Item Specified	Source or Mfr	Item Submitted	Notes
0002 - 2.03.A.		Tape for Expansion Joints view spec		Bond Breaker Tape.pdf	
0003 - 2.04.B.		PREMOLDED JOINT FILLER view spec	Meadows	SPONGE RUBBER EXPANSION JOINT SPONGE-RUBBER-EXPANSION-JOINT-Product-Data-1759314.pdf SPONGE-RUBBER-EXPANSION-JOINT-SDS-1307364.pdf Meadows-Potential-Credit-Contribution-Guide-LEED-2009-1759151.pdf	

Section: 03 02 50

#: 0002

Specified: 2.03.A., Tape for Expansion Joints

Reference: [view spec](#)

Item submitted:

Bond Breaker Tape.pdf

CRL Bond Breaker Tape

CRL TAPES
Bond Breaker Tape

DESCRIPTION

A 7 mil (175 micron) thick polyethylene film coated with an aggressive high performance cold weather acrylic adhesive system. The adhesive has excellent shear strength and good high temperature resistance.

APPLICATIONS

Designed for splicing polyethylene and other difficult-to-bond polyolefin films. Also widely used to create proper two-way sealant bonds.

TECHNICAL DATA

	IMPERIAL	METRIC
THICKNESS:	8.3 mils	.0208 mm
ADHESION:		
Peel (PSTC #1)60 oz/inch width	.17.0 N/2.5 cm
Shear (PSTC #7) >24 hour	@2.2 psi	@15.2 kPa
TENSILE: (PSTC #31)19 lb./inch width	.85.9 N/2.5 cm
ELONGATION: (PSTC #31)400%	.400%
TEMPERATURE RESISTANCE:175°F	.80°C
MINIMUM APPLICATION TEMPERATURE		
	-20°F	-28°C
WATER VAPOR TRANSMISSION (WVTR): <0.3 perms		
COLOR:	Clear and Black	

IMPORTANT INFORMATION

The information cited is in good faith and has been established from sources held to be secure and reliable. The values listed are typical properties and are not intended to be used as specifications for defined applications. User must determine the product suitability for the end use application and assume all risks and liabilities.

CRL
PROFESSIONAL QUALITY
DECEMBER 2010

CRL
PROFESSIONAL QUALITY
DECEMBER 2010

CRL TAPES
Bond Breaker Tape

Section: 03 02 50

#: 0003

Specified: 2.04.B., PREMOLDED JOINT FILLER

Reference: [view spec](#)

Item submitted: SPONGE RUBBER EXPANSION JOINT

SPONGE-RUBBER-EXPANSION-JOINT-Product-Data-1759314.pdf

SPONGE-RUBBER-EXPANSION-JOINT-SDS-1307364.pdf

**Meadows-Potential-Credit-Contribution-Guide-LEED-2009-
1759151.pdf**



MasterFormat: 03 15 00



NO. 322

JUNE 2018
(Supersedes February 2014)

SPONGE RUBBER EXPANSION JOINT

Expansion/Contraction Control Joint

DESCRIPTION

SPONGE RUBBER EXPANSION JOINT is produced to a uniform thickness and density from gray-colored, top-quality, blown sponge rubber. It is easily compressed and has a recovery of 95% or more of the original thickness and a density of not less than 30 lb./ft.³ (480.56 kg/m³).

USES

SPONGE RUBBER EXPANSION JOINT is frequently used on bridge structures and sewage treatment plants that undergo rapid changes in temperature. Because of its excellent recovery capability during wide temperature variations, SPONGE RUBBER EXPANSION JOINT is used around supporting pillars, drains, hydrants, and lamp and sign posts, as well as in isolation applications or between materials having dissimilar coefficients of expansion.

FEATURES/BENEFITS

- High resiliency with excellent recovery after compression.
- Protects against water infiltration when properly sealed.
- Easy to handle and install.
- Offers isolation capabilities.

PACKAGING

Thickness Widths	Slab Widths	Standard Lengths
1/4" (6.35 mm) 3/8" (9.53 mm) 1/2" (12.7 mm) 3/4" (19.05 mm) 1" (25.4 mm)	36" (914.4 mm)	10' (3.05 m)

SPECIFICATIONS

- AASHTO M 153, Type I
- ASTM D 1752, Type 1
- Corps of Engineers CRD-C 509, Type I
- FAA Specification Item P-610-2.7
- Federal Specification HH-F-341 F, Type II, Class A

APPLICATION

The type of control joint and spacing used will vary with each project according to the type of structure, climatic conditions, and anticipated stresses in the concrete. Thinner joints of 1/4" (6.35 mm), 3/8" (9.53 mm), or 1/2" (12.7 mm), spaced at frequent intervals, offer greater control than thicker joints spaced at greater intervals. The basic objective is to provide ample room for the concrete to expand or contract without creating damaging stresses. Expansion joints should be positioned against forms at interrupting objects or columns and against abutting structures prior to the placement of the concrete. SPONGE RUBBER EXPANSION JOINT should be recessed 1/2" (12.7 mm) below the concrete surface to accept the joint sealant. To isolate filler from sealant, use SNAP-CAP® from W. R. MEADOWS.

DECK-O-SEAL®, POURTHANE™ NS, POURTHANE SL, and SOF-SEAL® are suitable sealants for horizontal applications of SPONGE RUBBER EXPANSION JOINT. The recommended sealants for vertical applications are DECK-O-SEAL GUN GRADE and POURTHANE NS.

PRECAUTIONS

Silicone sealants are not recommended for use with SPONGE RUBBER EXPANSION JOINT.

CONTINUED ON REVERSE SIDE ...

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management

For most current data sheet, further LEED information, and SDS, visit www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: Sponge Rubber Expansion Joint **Part Number:** 2103360
Manufacturer: W. R. Meadows®, Inc. **Address:** 300 Industrial Drive
 Hampshire, Illinois 60140
Telephone: (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**
Revision Date: 9/9/2014
Product Use: Expansion joint in concrete construction

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS		
Health	0	Product is classified as non-hazardous per OSHA 1910.1200. This product is defined by OSHA as an "article." A manufactured item that is formed to a specific shape or design during manufacture that does not release or result in exposure to a hazardous chemical under normal use conditions.
Flammability	0	
Reactivity	0	
Personal Protection		

SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@24°C)</u>
1. None					

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water to remove particles.
SKIN CONTACT: Flush with water to remove particles. Wash affected areas with soap and water if available.
INHALATION: Not expected to be an exposure route.
INGESTION: Not expected to be an exposure source.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: Not Applicable.
EXTINGUISHING MEDIA: Water fog, foam, dry chemical.
CHEMICAL/COMBUSTION HAZARDS: None recognized.
PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Use appropriate respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Not applicable. Product is a solid.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: No special requirements.
SAFE STORAGE: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	OSHA					ACGIH		
	<u>PEL</u>	<u>PEL/CEILING</u>	<u>PEL/STEL</u>	<u>SKIN</u>	<u>TLV</u>	<u>TLV/CEILING</u>	<u>TLV/STEL</u>	<u>SKIN</u>
1. None								

ENGINEERING CONTROLS: None required under normal use conditions.
PERSONAL PROTECTIVE EQUIPMENT: None required under normal conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A	VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/A
WEIGHT PER GALLON: N/A	PRODUCT APPEARANCE: Grey solid	VOC CONTENT: N/A

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.
CONDITIONS AND MATERIALS TO AVOID: None recognized.
HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may cause mechanical irritation.
SKIN CONTACT: Direct contact may cause slight mechanical skin irritation.
INHALATION: Not anticipated to be an exposure route.
INGESTION: Not anticipated to be an exposure route.

SAFETY DATA SHEET

Date of Preparation: 9/9/14	Page 2 of 2	2103360
<i>Section 11 continued</i>		
SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort.		
AGGRAVATED MEDICAL CONDITIONS: None recognized.		
OTHER HEALTH EFFECTS: None recognized.		
SECTION 12: ECOLOGICAL INFORMATION		
ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None Recognized	
SECTION 13: WASTE DISPOSAL INFORMATION		
WASTE DISPOSAL INFORMATION: Product is classified as a non-hazardous waste.		
SECTION 14: TRANSPORTATION INFORMATION		
HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT.		
UN NUMBER: None	HAZARD CLASS: N/A	PACKING GROUP: N/A
UN PROPER SHIPPING NAME: N/A		
ENVIRONMENTAL HAZARDS: None recognized.		
BULK TRANSPORTATION INFORMATION: None.		
SPECIAL PRECAUTIONS: None.		
SECTION 15: REGULATORY INFORMATION		
OTHER REGULATORY CONSIDERATIONS: None recognized.		
SECTION 16: OTHER INFORMATION		
PREPARATION DATE:	9/9/2014	
PREPARED BY:	Dave Carey	

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.

W. R. MEADOWS Credit Guide for: LEED 2009 (Version 3.0) - NC

SUSTAINABLE SITES			WATER EFFICIENCY		ENERGY & ATMOSPHERE	MATERIALS & RESOURCES				INDOOR ENVIROMENTAL QUALITY				
(SS)			(WE)		(EA)	(MR)				(IEQ)				
CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT	CREDIT
SS-3	SS-6.1	SS-6.2	WE-1	WE-2	EA-1	MR-2	MR-4	MR-5	MR-6	IEQ-4.1	IEQ-4.2	IEQ-4.3	IEQ-4.4	IEQ-7.1
Brownfield Redevelopment	Stormwater Design - Quantity Control	Stormwater Design - Quality Control	Water Efficient Landscaping	Innovative Wastewater Technologies	Optimize Energy Performance	Construction Waste Management	Recycled Content	Regional Materials: Extracted, Processed, and Manufactured Regionally	Rapid Renewable Materials	Low-Emitting Materials: Adhesives and Sealants	Low-Emitting Materials: Paints and Coatings	Low-Emitting Materials: Flooring Systems	Low-Emitting Materials: Composite Wood and Agrifiber Products	Thermal Comfort - Design

POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
AIR-BARRIERS, DAMPPROOFING, VAPORPROOFING, WATERPROOFING and ACCESSORIES																
501 FOUNDATION COATING							●			TBD	●					
505 SEALMASTIC							●			TBD	●					
520 FOUNDATION COATING W/B (Canada)							●			TBD	●		●			
521 SEALMASTIC							●			TBD	●		●			
525 FIBRATED WATERPROOFING EMULSION (Canada)							●			TBD	●		●			
ADI-CON CW PLUS						●	●	●		TBD	●					
AIR-SHIELD						●	●			TBD	●					●
AIR-SHIELD 25 MIL FLASHING TAPE						●	●			TBD	●					●
AIR-SHIELD LIQUID FLASHING						●	●			TBD	●		●			●
AIR-SHIELD LM						●	●			TBD	●		●			●
AIR-SHIELD LM (ALL SEASON)						●	●			TBD	●					●
AIR-SHIELD LMP						●	●			TBD	●		●			●
AIR-SHIELD LSR						●	●			TBD	●					●
AIR-SHIELD THRU-WALL FLASHING						●	●			TBD	●					●
AIR-SHIELD TMP						●	●			TBD	●		●			●
ASPHALT-SATURATED GLASS FABRIC							●	●	●		●					
BEM						●	●			TBD	●	●				●
CATALYTIC BONDING ASPHALT							●			TBD	●		●			
CEM-KOTE CW PLUS						●	●	●		TBD	●					
CEM-KOTE FLEX CR							●			TBD	●					
CEM-KOTE FLEX PLUS (Canada)						●	●	●		TBD	●					
CEM-KOTE FLEX ST						●	●	●		TBD	●					
CEM-KOTE FLEX TC						●	●	●		TBD	●					
DECK-O-DRAIN		●	●				●	●		TBD	●					
DECK-O-SHIELD							●			TBD	●		●	●		
DECK-O-SHIELD PLUS							●			TBD	●		●			
DETAIL FABRIC						●	●	●		TBD	●					●
DETAIL STRIP							●			TBD	●					
GEM-CRETE TWM PLUS (Canada)							●	●		TBD						
GEM-CRETE TWM ST (Canada)							●	●		TBD						

*TBD: Contribution to MR Credit 5 is dependent on the location of the Project.

POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR			IEQ						
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
HOT MOP DAMPPROOFING							●			TBD	●		●			
HRM 714						●	●			TBD	●		●			●
HYDRALASTIC 836						●	●			TBD	●		●			●
HYDRASTOP SA						●	●			TBD	●					●
HYDRASTOP SBW						●	●			TBD	●					●
MEL-DEK							●			TBD	●					●
MEL-DRAIN		●	●	●	●	●	●	●		TBD	●					●
MEL-DRAIN 7002		●	●	●	●	●	●	●		TBD	●					●
MEL-DRAIN 7012		●	●	●	●	●	●	●		TBD	●					●
MEL-DRAIN 7555		●	●	●	●	●	●	●		TBD	●					●
MEL-DRAIN 7555-B		●	●	●	●	●	●	●		TBD	●					●
MEL-DRAIN TOTAL-DRAIN		●	●	●	●	●	●	●		TBD	●					●
MEL-PRIME							●			TBD	●					●
MEL-PRIME NE							●			TBD	●					●
MEL-PRIME S/B (Canada)							●			TBD	●					●
MEL-PRIME W/B							●			TBD	●					●
MEL-ROL						●	●			TBD	●					●
MEL-ROL LM						●	●			TBD	●	●				●
MEL-ROL LM (ALL SEASON)						●	●			TBD	●					●
MEL-ROL LOW TEMP						●	●			TBD	●					●
MEL-ROL XLT						●	●			TBD	●					●
OHIO TYPE III WATERPROOFING						●	●			TBD	●					
PERMINATOR	●					●	●			TBD	●					●
PERMINATOR HP	●					●	●			TBD	●					●
PERMINATOR TAPE	●					●	●			TBD	●					●
PMPC TAPE						●	●			TBD	●					●
POINTING MASTIC							●			TBD	●		●			●
PRECON						●	●			TBD	●					●
PRECON FABRIC TAPE						●	●			TBD	●					●
(PMPC)						●	●			TBD	●					●
PROTECTION COURSE							●	●		TBD	●					●

*TBD: Contribution to MR Credit 5 is dependent on the location of the Project.

POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
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PROTECTION COURSE (VIBRAFLEX PC)							●	●	TBD		●					●
PROTECTION COURSE (VIBRAFLEX PC)							●	●	TBD							
REINFORCING FABRIC HD							●	●	TBD							
REINFORCING FABRIC NW							●		TBD							
SEALMASTIC TYPE I							●		TBD		●		●			
SEALMASTIC TYPE II							●		TBD		●		●			
SEALMASTIC TYPE III							●		TBD		●		●			
SEALMASTIC SEMI-MASTIC							●		TBD		●		●			
SEALMASTIC SPRAY-MASTIC							●		TBD		●		●			
SEALMASTIC TROWEL-MASTIC							●		TBD		●		●			
TANK PADDING							●		TBD							
TERMINATION BAR							●	●	TBD		●					

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

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	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
<p>For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com</p>																
CEMENTITIOUS REPAIR MORTARS/CONSTRUCTION GROUTS/LATEX ADHESIVES																
588-10K							•	•	TBD							
800 CONSTRUCTION GROUT (Canada)							•		TBD							
805 CONSTRUCTION GROUT WINTER GRADE (Canada)							•		TBD							
1428 HP							•	•	TBD							
ACRY-LOK							•		TBD		•					
CG-86							•	•	TBD							
CG-86 Extended							•	•	TBD							
CG-86 N.E.							•	•	TBD							
COUNTERTOP MIX (Canada)							•		TBD							
DECK-O-WELD							•		TBD		•					
EG-96 HP							•		TBD		•					
FASTRAC 246 CONCRETE									TBD							
FLOOR-TOP STG							•	•	TBD				•			
FLOOR-TOP STG PRIMER							•		TBD			•	•			
FUTURA-15							•	•	TBD							
FUTURA-15 EXTENDED							•	•	TBD							
FUTURA-45							•	•	TBD							
FUTURA-45 EXTENDED							•	•	TBD							
FUTURA-45 EXTENDED - TX DOT							•	•	•							
INTRALOK							•		TBD		•					
MEADOW-CRETE FNP							•	•	TBD							
MEADOW-CRETE FNP EXTENDED							•	•	TBD							
MEADOW-CRETE FNP EXTENDED N.E.							•		TBD							
MEADOW-CRETE GPS							•	•	TBD							
MEADOW-CRETE GPS - TX DOT							•		•							
MEADOW-CRETE H							•	•	TBD							
MEADOW-CRETE H2							•	•	TBD							
MEADOW-CRETE OV							•	•	TBD							
MEADOW-PATCH 5							•	•	TBD							
MEADOW-PATCH 20							•	•	TBD							

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
MEADOW-PATCH T1							•	•	TBD							
MEADOW-PATCH T2							•	•	TBD							
MEADOW-PLUG							•		TBD							
PAC-IT							•	•	TBD							
PARGE-ALL (Canada)							•		TBD							
PARGE-ALL AF							•	•	TBD							
SPECTRUM RE-KOTE BF							•		•							
SPECTRUM RE-KOTE TF							•		•							
SPEED-E-ROC							•		TBD							
V-1							•		TBD							
V-3 10K							•		TBD			•				
CONCRETE CLEANERS/DEGREASERS																
SEALTIGHT CLEANER/EXTENDER							•		TBD							
SEALTIGHT SOLVENT							•		TBD							
ULTRITE® DEGREASER							•		TBD							
CONCRETE CURING COMPOUNDS/CURING AIDS																
1100-CLEAR							•		TBD				•			
1100-CLEAR WITH RED FUGITIVE DYE							•		TBD				•			
1113(Clear and with Fugitive Dye)							•		TBD				•			
1130 (Clear and with Fugitive Dye)							•		TBD				•			
1140 (Clear and with Fugitive Dye)							•		TBD				•			
1150-CLEAR							•		TBD				•			
1200 WHITE							•		TBD				•			
1210 WHITE							•		TBD				•			
1215 WHITE (Canada)							•		TBD				•			
1220-WHITE							•		TBD				•			
1240-WHITE							•		TBD				•			
1250-WHITE							•		TBD				•			
1300-CLEAR							•		TBD				•			
1300-CLEAR WITH RED FUGITIVE DYE							•		TBD				•			

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
1310-CLEAR WITH RED FUGITIVE DYE							•		TBD				•			
1325 (Clear and with Fugitive Dye)							•		TBD				•			
1328 (Clear and with Fugitive Dye)							•		TBD				•			
1600-WHITE							•		TBD				•			
1610-WHITE							•		TBD				•			
1613-WHITE							•		TBD				•			
1615-WHITE							•		TBD				•			
1625-WHITE							•		TBD				•			
1628-WHITE							•		TBD				•			
1635-WHITE							•		TBD				•			
1640-WHITE							•		TBD				•			
1645-WHITE							•		TBD				•			
1650-WHITE							•		TBD				•			
1655-WHITE							•		TBD				•			
2245-WHITE							•		TBD				•			
2250-WHITE							•		TBD				•			
2255-WHITE							•		TBD				•			
CC-309-1W							•		TBD				•			
CC-309-1WS							•		TBD				•			
CC-309-2WS							•		TBD				•			
CC-309-10WS							•		TBD				•			
CC-309-10WS WITH RED FUGITIVE DYE							•		TBD				•			
CC-309-20WS							•		TBD				•			
CURE-TREAT							•		TBD				•	•		
CURE-TREAT RTU							•		TBD				•	•		
DECK-O-TREAT							•		TBD				•	•		
LIN-SEAL EMULSION							•		TBD				•			
LIN-SEAL WHITE							•		TBD				•			
MED-CURE							•		TBD				•	•		
MED-CURE CONCENTRATE							•		TBD				•	•		
MED-CURE RTU							•		TBD				•	•		

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
CONCRETE CURING AND SEALING COMPOUNDS/SEALERS/DENSIFIER-HARDENERS/ADDITIVES/ACID STAINS																
785 GENFLOR NON-METALLIC FLOOR HARDENER							•		TBD				•			
ARIZONA SEAL							•		TBD							
BELLATRIX							•		TBD			•	•			
CS-309 (Canada)							•		TBD							
CS-309 (VOC)							•		TBD			•	•			
CS-309-20							•		TBD			•	•			
CS-309/25							•		TBD							
CS-309-25 OTC							•		TBD			•	•			
CS-309-25 (VOC)							•		TBD			•	•			
CS-309-30							•		TBD							
CS-309-30 OTC							•		TBD			•	•			
CS-309-30 (VOC)							•		TBD			•	•			
CS-309-OTC							•		TBD			•	•			
DECK-O-GRIP							•		TBD							
DECK-O-GRIP W/B							•		TBD			•	•			
DECRA-SEAL							•		TBD							
DECRA-SEAL OTC							•		TBD			•	•			
DECRA-SEAL (VOC)							•		TBD							
DECRA-SEAL PLUS (VOC)							•		TBD	•		•				
DECRA-SEAL W/B							•		TBD			•	•			
EXPO-GLOSS							•		TBD							
EXPO-GLOSS W/B (BROWN)							•		TBD			•	•			
EXPO-GLOSS W/B (CLEAR)							•		TBD			•	•			
EXPO-GLOSS OTC							•		TBD			•	•			
EXPO-GLOSS (VOC)							•		TBD			•	•			
GARD-5AC							•		TBD							
HIAC (VOC)							•		TBD			•	•			
HIAC-PLUS (VOC)							•		TBD			•	•			
INTRAGUARD							•		TBD	•		•				

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
LIN-SEAL CLEAR							●		TBD				●			
LIN-SEAL MARYLAND							●		TBD				●			
LIQUI-HARD							●		TBD				●	●		
LIQUI-HARD ULTRA							●		TBD				●	●		
PENTREAT 244-40 OTC							●		TBD				●			
SEAL CURE							●		TBD							
SEAL CURE/18							●		TBD							
SEAL-CURE/25							●		TBD							
SIL-CRETE							●		TBD				●	●		
SPECTRUM 930 PATINA ACID STAIN (All Colors) (Canada)							●		TBD				●	●		
SPECTRUM 940 SHAKE-ON COLOR (All Colors) (Canada)							●		TBD							
SPECTRUM ECO-PREP (Canada)							●		TBD				●			
SPECTRUM SURFACE ENHANCER (Canada)							●		TBD				●			
SPECTRUM WATER-BASED STAIN (All Colors) (Canada)							●		TBD				●	●		
SURE-STEP™							●	●	TBD							
TIAH							●		TBD							
TIAH OTC							●		TBD				●	●		
VOCOMP-20							●		TBD				●	●		
VOCOMP-25							●		TBD				●	●		
VOCOMP-30							●		TBD				●	●		

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
CONCRETE FORM RELEASE AGENTS																
FORM OIL							•	•	TBD				•			
DELOX							•	•	TBD				•			
DELOX-VOC (California)							•	•	TBD				•			
DUOGARD							•	•	TBD				•			
DUOGARD (Canada)							•	•	TBD				•			
DUOGARD II							•		TBD				•			
DUOGARD CITRUS							•	•	TBD				•			
DUOGARD NE							•	•	TBD				•			
DUOGARD PLUS							•		TBD				•			
DUOGARD S/G (Canada)							•	•	TBD				•			
DUOGARD VOC (California)							•	•	TBD				•			
DUOGARD WINTER-GRADE							•	•	TBD				•			
ECO-COAT							•		TBD	•			•			
FORM-OIL (California)							•	•	TBD				•			
SPECTRUM 910							•		TBD							
SPECTRUM 920							•		TBD							
CONCRETE SET ACCELERATORS/SURFACE RETARDANTS																
EVAPRE							•		TBD				•	•		
EVAPRE-RTU							•		TBD				•	•		
HYDRASET							•		TBD				•	•		
HYDRASET-FREE							•		TBD				•	•		
TOP-STOP							•		TBD				•	•		
TOP-STOP HORIZONTAL							•		•				•			
TOP-STOP VERTICAL							•		TBD				•	•		
BONDING ADHESIVES/SPECIALTY EPOXIES																
POLY-GRIP							•		TBD				•			
REZI-WELD 3/2							•		TBD				•			
REZI-WELD 1000							•		TBD				•			
REZI-WELD 1000 STATE							•		TBD				•			

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com		SS			WE		EA	MR				IEQ					
		Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
REZI-WELD FLEX								•		TBD		•					
REZI-WELD GEL PASTE								•		TBD		•					
REZI-WELD GEL PASTE STATE								•		TBD		•					
REZI-WELD (IP)								•		TBD		•					
REZI-WELD LV								•		TBD		•					
REZI-WELD LV STATE								•		TBD		•					
REZI-WELD TX DOT GEL EPOXY								•		TBD		•					

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
<p>For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com</p>																
EXPANSION JOINTS																
ASPHALT EXPANSION JOINT							•		TBD							
CERAMAR							•	•	TBD							
CERAMAR PRESSURE RELIEF							•	•	TBD							
CERA-ROD							•		TBD							
CORK EXPANSION JOINT							•		TBD	•						
DECK-O-FOAM							•		TBD							
DECK-O-JOINT							•	•	TBD							
FIBRE EXPANSION JOINT							•	•	TBD						•	
FIBRE LITE							•	•	TBD						•	
KEYWAY							•	•	TBD							
KOOL-ROD							•	•	TBD							
PVC WATERSTOPS							•	•	TBD							
SELF-EXPANDING CORK EXPANSION JOINT							•		TBD	•						
SNAP-CAP							•	•	TBD							
SPEED-E-JOINT							•	•	TBD							
SPONGE RUBBER EXPANSION JOINT							•		TBD							

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com																
JOINT SEALANTS/ACCESSORIES																
#158							●			TBD		●				
#164							●			TBD		●				
1190							●			TBD		●				
3405							●			TBD		●				
3405 LP							●			TBD		●				
3405M							●			TBD		●				
A-350 TRS							●	●		TBD			●			
A-600 MAXI TUFF							●	●		TBD			●			
A-625 FAST DRY							●			TBD						
CR-90							●			TBD		●				
CR-90 STATE							●			TBD		●				
DECK-O-SEAL (POUR GRADE)							●			TBD		●				
DECK-O-SEAL 125							●			TBD		●				
DECK-O-SEAL 150							●			TBD		●				
DECK-O-SEAL GUN GRADE							●			TBD		●				
DECK-O-SEAL ONE STEP							●			TBD		●				
DIRECT FIRE PLS							●			TBD		●				
HI-SPEC							●			TBD		●				
HS-1 SL								TBD		TBD		●				
P/G PRIMER							●			TBD						
POLY-JET LOX							●			TBD		●				
POURTHANE NS							●			TBD		●				
POURTHANE SL							●			TBD		●				
PRO-SEAL HD							●			TBD			●			
SAFE-SEAL 3405							●			TBD		●				
SEALEX E-Z							●			TBD		●				
SOF-SEAL (C/A)							●			TBD		●				

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POTENTIAL CREDIT CONTRIBUTION GUIDE - LEED 2009 (Version 3.0): W. R. MEADOWS PRODUCTS

	SS			WE		EA	MR				IEQ					
	Credit 3	Credit 6.1	Credit 6.2	Credit 1	Credit 2	Credit 1	Credit 2	Credit 4	Credit 5*	Credit 6	Credit 3.1	Credit 4.1	Credit 4.2	Credit 4.3	Credit 4.4	Credit 7.1
<p>For Project-Specific Credit Contributions, please use the W. R. MEADOWS LEED CREDIT CALCULATOR: http://calculator.wrmeadows.com</p>																
MISCELLANEOUS																
105 ARENA PLANK (Canada)							•	•	TBD							
600 ASPHALT ROOF PRIMER (Canada)							•		TBD							
611 ALUMINUM ROOF COATING (Canada)							•		TBD							
625 PLASTIC CEMENT (Canada)							•		TBD							
630 LAP CEMENT (Canada)							•		TBD							
1109 PRO-SEAL							•		TBD			•				
1170 ROAD REPAIR							•		TBD							
1175 ROAD REPAIR							•		TBD							
1178 ROAD REPAIR							•		TBD							
BROWN CRAFT PAPER							•	•	TBD							
DUO-PAD							•	•	TBD							
INDUROSHINE						•	•		TBD							
POWER PLAY ICE PAINT							•	•	TBD							
RED ROSIN PAPER							•	•	TBD							
VIBRAFLEX							•	•	TBD							
WHITEWALK							•	•	TBD							

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