Weaver
CONSTRUCTION MANAGEMENT
3679 S Huron Street, Suite 404 Englewood, Colorado 80110
Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITAL

July 10, 2012
Submittal No: 03300-026

PROJECT: **Harold Thompson Regional WRF**
Birdsall Rd.
Fountain, CO 80817
Job No. 2908

ENGINEER: **GMS, Inc.**
611 No. Weber St., #300
Colorado Springs, CO 80903
719-475-2935 Roger Sams

OWNER: **Lower Fountain Metropolitan Sewage Disposal District**
901 S. Santa Fe Ave.
Fountain, CO 80817
719-382-5303 James Heckman

CONTRACTOR: **Weaver Construction Management, Inc.**
3679 S Huron Street, Suite 404
Englewood, CO 80110
303-789-4111

SUBJECT: Grounding and Bonding Agent for Clarifier Floor Patch

SPEC SECTION: 03300

PREVIOUS SUBMISSION DATES:

DEVIATIONS FROM SPEC: ___ YES _X_ NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and, unless indicated otherwise, has been found to be in conformance with the intent of the contract documents.

Contractor's Stamp:	Engineer's Stamp:
Date: 7/10/12 Reviewed by: Jeff Burst (X) Reviewed Without Comments ( ) Reviewed With Comments	

ENGINEER'S COMMENTS:_____
_____

TRANSIT MIX CONCRETE CO.

Colorado Springs
P.O. Box-1030, CO 80901
(719) 475-0700 (Fax) 475-0226

Pueblo
P.O. Box-857, CO 81002
(719) 561-8350 (Fax) 566-0231

CONCRETE MIX DESIGN

July 9, 2012

HDT RFP BP1 Equipment Maintenance Building
Birdsall Road East of Old Pueblo Road
Fountain, Colorado

"Interior Slab Overlay/Leveling"
Leveling Grout – 8.25 Sacks • 0.43 Maximum W/C Ratio • Non-Air Entrained

Weaver Construction Management
3679 S. Huron St.
Englewood, Colorado 80110

		ONE CUBIC YARD
Cement	(Holcim Type I/II)	776 lbs
WRA	(BASF Polyheed 1020)	38.8 ozs
VMA	(BASF Rheomac 362)	15.5 ozs
Sand	(Daniels Sand Co.)	2850 lbs
Water		332 lbs

Transit Mix Concrete CO Mix Identification Number: 98LM2010

Approximate Physical Properties:	
Unit Weight - pcf	± 144.8
Slump – Inches	5" Max
Air Content - %	3% Max
Water / Cement Ratio	0.43

This mix is derived from the enclosed J.B. Morgan, P.E. Concrete Mix Design (Table LM-NAE). Compliance information on the materials is enclosed.
Production and delivery is in accordance with ASTM C 94 Standard Specification for Ready-Mixed Concrete. Compressive strength performance is conditional with strict adherence to the current ASTM Standards relating to concrete, and the latest revisions of ACI 301 and 318.

TRANSIT MIX CONCRETE CO.

Robert L. Montoya, BSCET
Technical Service Manager

J. B. Morgan, P. E., C.C.E.

CONSULTING STRUCTURAL ENGINEER

Summary of Concrete and Aggregate Tests

Transit Mix Concrete Company

3-Point Grout Table: LM-NAE (Leveler) Fine Aggregate Mix Design W/ 100% Cement

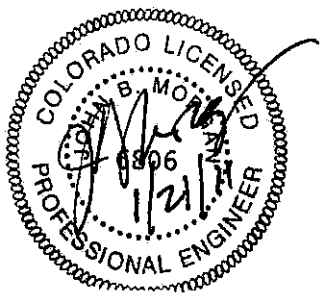
2" - 6" Slump • Non-Air Entrained

Date Cast: Friday, December 17, 2010

Mix Proportions	97LM2010	98LM2010	99LM2010	
Cement (Holcim I-II)	682	776	870	lbs
HRWRA (MB Polyheed 1020)	34.1	38.8	43.5	ozs
VMA(MB Rheomac VMA 362)	13.6	15.5	17.4	ozs
AEA (MB AE-90)	0.0	0.0	0.0	ozs
Coarse Aggregate (TMP No. 8)	0	0	0	lbs
Fine Aggregate (Daniels C-33)	2940	2850	2755	lbs
Water	324	332	338	lbs

Physical Properties	97LM2010	98LM2010	99LM2010	
Unit Weight	144.3	144.8	145.1	pcf
Slump	4.75	4.00	4.50	"
Air Content	2.1	2.5	2.6	%
Temperature	75	75	77	^{0}F
Water/Cement Ratio (by weight)	0.48	0.43	0.39	
Relative Yield	1.01	1.01	1.01	
Yield	27.35	27.33	27.31	cf

Compressive Strength	97LM2010	98LM2010	99LM2010	
	(PSI)	(PSI)	(PSI)	
3 Days	2770	3000	3210	3 Days
	2790	3120	3250	
Average	2780	3060	3230	Average
7 Days	3320	3810	3940	7 Days
	3240	3700	3920	
Average	3280	3750	3930	Average
14 Days	3890	4810	5080	14 Days
	4000	4750	5020	
Average	3940	4780	5050	Average
28 Days	4740	5200	5750	28 Days
	4890	5400	5820	
	4890	5390	5960	
Average	4840	5330	5840	Average



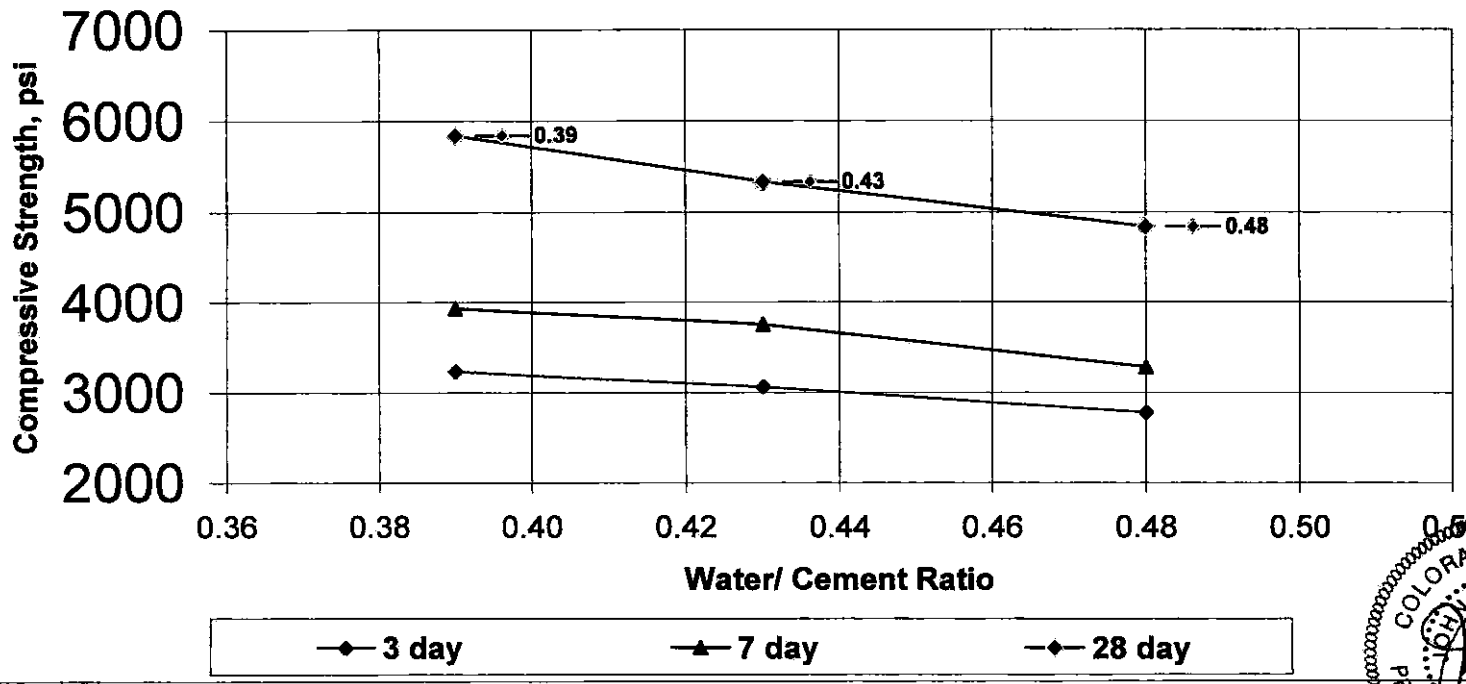
2116 Broadmoor Road Circle, Colorado Springs, Colorado 80906

Phone: (719) 635-9393 Mobile: (719) 332-4557 Fax: (719) 635-7008

Transit Mix Concrete Company

3-Point Table LM-NAE

Compressive Strength vs. Water Cement Ratio



Holcim

Material Certification Report

Material:	Portland Cement	Test Period:	01-Apr-2012
Type:	I-II(MH) ASTM C150	To:	30-Apr-2012

Certification

This Holcim cement meets the specifications of ASTM C150 for Type I-II(MH) cement.

General Information

Supplier:	Holcim (US) Inc.	Source Location:	Portland Plant
Address:	3500 State Highway 120 Florence, Co. 81226		3500 State Highway 120 Florence, Co. 81227
Telephone:	719-784-1307	Contact:	Dick Roush
Date Issued:	14-May-2012		

The following information is based on average test data during the test period.
The data is typical of cement shipped by Holcim; individual shipments may vary.

Tests Data on ASTM Standard Requirements

Chemical			Physical		
Item	Limit[A]	Result	Item	Limit[A]	Result
SiO_2 (%)	-	19.6	Air Content (%)	12 max	8
Al_2O_3 (%)	6.0 max	4.8	Blaine Fineness (m^2/kg)	260 min 430 max	399
Fe_2O_3 (%)	6.0 max	3.4			
CaO (%)	-	63.7			
MgO (%)	6.0 max	1.5	Autoclave Expansion C151 (%)	0.80 max	0.03
SO_3 (%)	3.0 max[B]	3.4	Compressive Strength MPa (psi):		
Loss on Ignition (%)	3.0 max	2.5			
Insoluble Residue (%)	0.75 max	0.60	3 days	10.0 (1450) min	29.4 (4270)
CO_2 (%)	-	1.6	7 days	17.0 (2470) min	36.5 (5290)
Limestone (%)	5.0 max	4.2			
$CaCO_3$ in Limestone (%)	70 min	84	Initial Vicat (minutes)	45-375	133
Inorganic Processing Addition (%)	5.0 max	0.0			
Potential Phase Compositions[C]:			Mortar Bar Expansion C1038 (%)		0.008
C_3S (%)	-	61			
C_2S (%)	-	10	Heat of Hydration: kJ/kg (cal/g)[D]	-	346 (83)
C_3A (%)	8 max	7	7 Days (for informational purposes)		
C_4AF (%)	-	10			
$C_3S + 4.75C_3A$ (%)	100 max	94			

Tests Data on ASTM Optional Requirements

Chemical			Physical		
Item	Limit[A]	Result	Item	Limit[A]	Result
Equivalent Alkalies (%)		0.67			

Notes

[A] Dashes in the limit / result columns mean Not Applicable.

[B] It is permissible to exceed the specification limit provided that ASTM C 1038 Mortar Bar Expansion does not exceed 0.020 % at 14 days.

[C] Adjusted per Annex A1.6 of ASTM C150 and AASHTO M85.

[D] Test result represents most recent value and is provided for information only. Analysis of Heat of Hydration has been carried out by CTLGroup, Skokie, IL. This data may have been reported on previous mill certificates. It is typical of the cement being currently shipped.

Additional Data

Inorganic Processing Addition Data		Base cement Phase Composition	
Item	Result[A]	Item	Result
Type	-	C_3S (%)	62
Amount (%)	-	C_2S (%)	10
SiO_2 (%)	-	C_3A (%)	7
Al_2O_3 (%)	-	C_4AF (%)	10
Fe_2O3 (%)	-		
CaO (%)	-		
SO_3 (%)	-		

BASF

The Chemical Company

March 8, 2012

Transit Mix Concrete CO
444 East Costilla
Colorado Springs, Colorado 80903

Attention: Robert Montoya
Project: Various
Project location: Various

Certificate of Conformance
Rheomac® VMA 362
BASF Corporation* Viscosity Modifying Admixture for Concrete

*(successor in interest to BASF Construction Chemicals, LLC , which is successor by merger to BASF Admixtures, Inc., formerly known as Degussa Admixtures, Inc., formerly known as Master Builders, Inc.)

I, Richard Hubbard, Sr. Technical Marketing Specialist for BASF Corporation, Cleveland, Ohio,certify:

That Rheomac VMA 362 is a ready-to-use high performance admixture formulated to control the rheological properties of shotcrete, ready-mixed concrete and grout; and

That no calcium chloride or chloride based ingredient is used in the manufacture of Rheomac VMA 362; and

That Rheomac VMA 362, based on the chlorides originating from all the ingredients used in its manufacture, contributes less than 0.00016 percent (1.6 ppm) chloride ions by weight of the cement when used at the rate of 65 mL per 100 kg (1 fluid ounce per 100 pounds) of cement; and

That Rheomac VMA 362 meets the requirements for a Type S, Specific Performance Admixture as specified in Table 1 of ASTM C 494-08a, the Standard Specifications for Chemical Admixtures for Concrete.

Richard Hubbard III

Richard Hubbard
Sr. Technical Marketing Specialist, BASF Corporation

BASF Corporation
23700 Chagrin Boulvard
Cleveland, OH 44122
216 839-7500 ph
www.masterbuilders.com

Master Builders
Admixture Solutions

BASF

The Chemical Company

May 25, 2012

Transit Mix Concrete CO
444 East Costilla
Colorado Springs, Colorado 80903

Attention: Robert Montoya
Project: Various
Project location: Various

Certificate of Conformance
PolyHeed® 1020
BASF Corporation* Admixture for Concrete

*(successor in interest to BASF Construction Chemicals, LLC , which is successor by merger to BASF Admixtures, Inc., formerly known as Degussa Admixtures, Inc., formerly known as Master Builders, Inc.)

I, Richard Hubbard, Sr. Technical Marketing Specialist for BASF Corporation, Cleveland, Ohio,certify:

That PolyHeed 1020 is a BASF Corporation Mid-Range Water-Reducing Admixture for concrete; and

That no calcium chloride or chloride based ingredient is used in the manufacture of PolyHeed 1020; and

That PolyHeed 1020, based on the chlorides originating from all the ingredients used in its manufacture, contributes less than 0.00014 percent (1.4 ppm) chloride ions by weight of the cement when used at the rate of 65 mL per 100 kg (1 fluid ounce per 100 pounds) of cement; and

That, depending on the dosage used, PolyHeed 1020 meets the requirements for a Type A, Water-Reducing and Type F, Water-Reducing, High Range Admixture specified in ASTM C 494, Corps of Engineers' CRD-C 87 and AASHTO M194, the Standard Specifications for Chemical Admixtures for Concrete.

Richard Hubbard III

Richard Hubbard
Sr. Technical Marketing Specialist, BASF Corporation

BASF Corporation
23700 Chagrin Boulvard
Cleveland, OH 44122
216 839-7500 ph
www.masterbuilders.com

Master Builders
Admixture Solutions

Transit Mix Concrete Co. Materials Laboratory

444 East Costilla Avenue
Colorado Springs, Colorado 80903
Ph. (719) 475-0700 Fax (719) 475-0226

2596 Hwy 96 East
Pueblo, Colorado 81002
Ph. (719) 543-7898 Fax (719) 583-0345

March 1, 2012

RE: Fine Concrete Aggregate
Daniels Sand Pit
3710 Bradley Road
Colorado Springs, Colorado 80916

Gentlemen:

This letter presents the results of physical properties and deleterious substances tests performed on a Fine Concrete Aggregate that was sampled on January 12, 2012 at Daniels Sand Pit.
The results are as follows:

Sieve Size	Percent Passing	Specifications ASTM C 33 Fine Concrete Agg.
9.5 mm, 3/8"	100	100
4.75 mm, No. 4	99	95 - 100
2.36 mm, No. 8	90	80 - 100
1.18 mm, No. 16	65	50 - 85
600 um, No. 30	44	25 - 60
300 um, No. 50	23	10 - 30
150 um, No. 100	6.0	0 - 10
75 um, No. 200 (ASTM C 117)	1.2	0 - 3

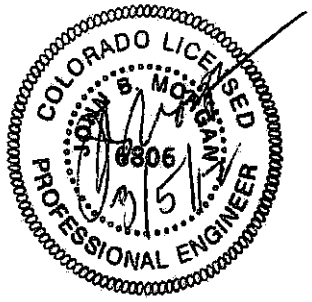
Fineness Modulus: 2.73		AASHTO T-37
Bulk Specific Gravity (SSD): 2.58 Absorption: 1.0%		AASHTO T-85
Magnesium Sulfate Soundness (Five Cycles): 2.0% Loss		AASHTO T-104
Sodium Sulfate Soundness (Five Cycles): 1.0% Loss		AASHTO T-104
Average Sand Equivalent: 88		AASHTO T-176
Organic Impurities: Clear		AASHTO T-21
Mortar Bar Expansion (ASR) - Sodium Hydroxide:	0.04%	AASHTO T-303

The above sample was tested according to American Society for Testing and Materials (ASTM) procedures D-75, D-2419, C-702, C-117, C-136, C-33, C-40, C-88, C-128 and C-1260. AASHTO designations are for cross-reference only.

If you have any questions feel free to contact me at your earliest convenience.

Respectfully Submitted,

Kirk D. Williams Jr., BSBA
Quality Control Manager



Transit Mix Concrete Co. Materials Laboratory

444 East Costilla Avenue
Colorado Springs, Colorado 80903
Ph. (719) 475-0700 Fax (719) 475-0226

2596 Hwy 96 East
Pueblo, Colorado 81002
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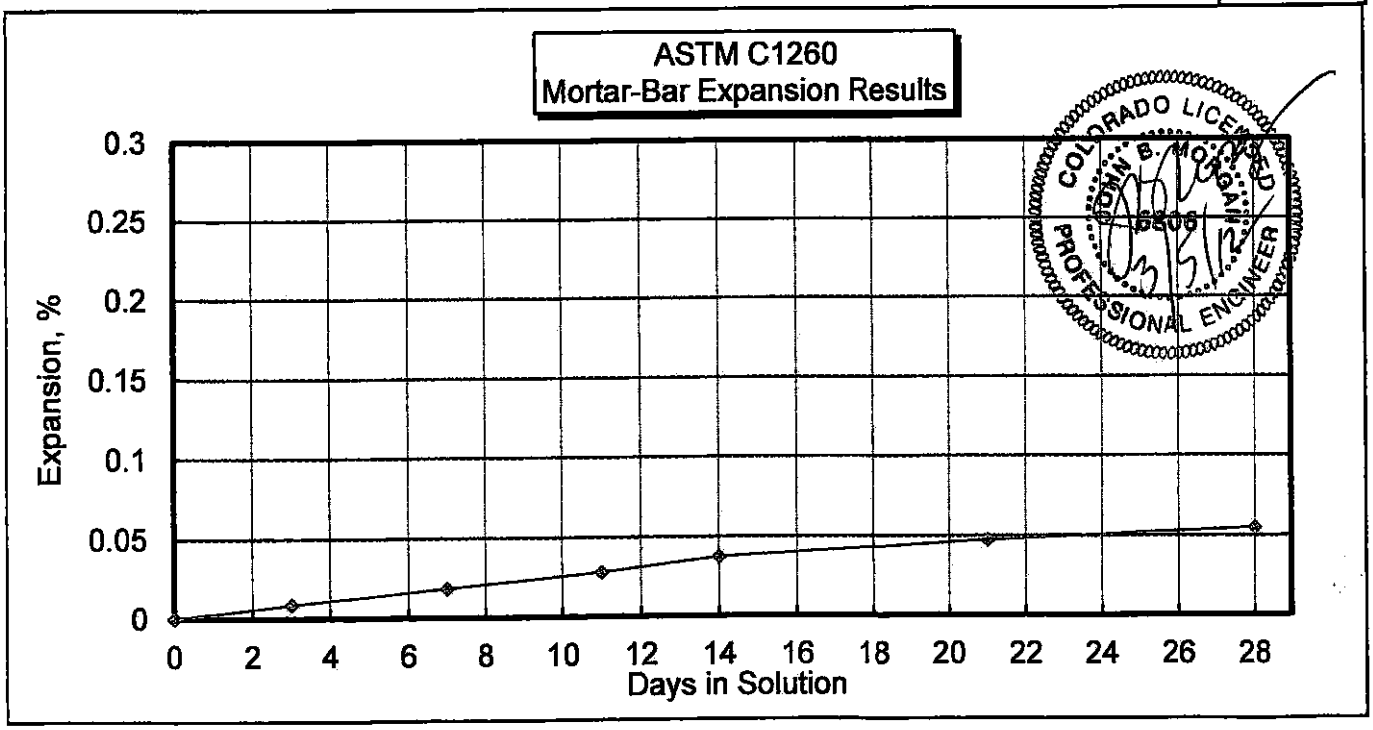
Modified ASTM C 1260 / C 1567 Tests No. 20112DS-COC

Standard Test Method for Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silica Reaction

Materials	Source			Batch Weights, g	Notes
Cement	Holcim	Florence, CO	100%	440	Batched: 1/16/2012
Flyash	SRMG	Four Corners	0%	0	Sampled: 1/12/2012
Coarse	Black Canyon	Colo Spgs, CO	0%	0	
Sand	Daniels	Colo Spgs, CO	100%	990	Daniels Fine Concrete Aggregate
Water				206.8	Kirk D. Williams, Jr.
W/C Ratio				0.47	Completed: 2/15/2012

Specimen ID: DS 1, 2, 3

Days	Date	Comparator Readings			Mortar Bar Expansion, %			Average
		1	2	3	1	2	3	
0	1/18/2012	0.1701	0.1682	0.1655				0.0000
3	1/21/2012	0.1709	0.1692	0.1663	0.0080	0.0100	0.0080	0.0087
7	1/25/2012	0.1719	0.1702	0.1672	0.0180	0.0200	0.0170	0.0183
11	1/29/2012	0.1728	0.1712	0.1682	0.0270	0.0300	0.0270	0.0280
14	**2/1/2012**	**0.1738**	**0.1721**	**0.1691**	**0.0370**	**0.0390**	**0.0360**	**0.0373**
21	*2/8/2012*	*0.1747*	*0.1731*	*0.1702*	*0.0460*	*0.0490*	*0.0470*	*0.0473*
28	*2/15/2012*	*0.1755*	*0.1739*	*0.1709*	*0.0540*	*0.0570*	*0.0540*	*0.0550*
Average Percent Expansion at 14 days in solution (16 days of age)								**0.04**
*28 Day expansion results are for **informational purposes only***								*0.06*



Revised: 11/1/2009

BASF

The Chemical Company

PRODUCT DATA

3 03 01 00 **Maintenance of Concrete**

CONCRESIVE® LIQUID LPL

Concrete bonding adhesive with long pot life

Description

Concresive® Liquid LPL is a two-component 100% solids liquid epoxy bonding adhesive. It is designed for application in warm environments or applications requiring a long working time.

Yield

Smooth surfaces:
100 ft²/gallon (2.4 m²/L)

Rough surfaces:
50 – 75 ft²/gallon (1.2 – 1.8 m²/L)

Coverage rates are approximate. Actual coverage rate will depend on texture and porosity of concrete and application method employed.

Packaging

1 gallon (3.8 L) units

3 gallon (11.4 L) units

Shelf Life

2 years when properly stored

Storage

Store in sealed containers at temperatures between 50 and 90° F (10 and 32° C) in a clean, dry area.

Features	Benefits
• Creamy high-build liquid	Single application
• Very long working time	Facilitates proper placement; ideal for warm environments
• Moisture insensitive	Bonds to damp concrete surfaces
• May be extended with properly graded sand	More economical applications

Where to Use

APPLICATION

- Bonding fresh concrete to existing concrete
- Grouting bolts, dowels, and rebar into concrete, stone, and masonry
- Filling joints and voids in masonry
- Bonding concrete to dissimilar materials like steel and wood
- Coating rebar

LOCATION

- Interior or exterior

How to Apply

Surface Preparation

CONCRETE

1. Substrate may be dry or damp, although dry surfaces product optimum results. New concrete must be fully cured (28 days minimum).

2. Remove grease, wax, oil contaminants, and curing compounds by scrubbing with an industrial-grade detergent or a degreasing compound.

3. Follow with mechanical cleaning (refer to ASTM D 4258). Remove weak, contaminated, or deteriorated concrete by shotblasting, bushhammering, gritblasting, scarifying, or other suitable mechanical means. Follow mechanical cleaning with vacuum cleaning (refer to ASTM D 4259).

STEEL

Remove dirt, grease, and oil with a suitable industrial-grade cleaning-and-degreasing compound (SSPC-SP-1). Remove rust and mill scale by gritblasting. Blast steel to white metal. Follow gritblasting with vacuuming or oil-free dry-air blast (refer to SSPC-SP-10 or NACE-2).

Mixing

1. The mix ratio is 2 (Parts A) to 1 (Part B). Mix only the amount of material usable before the pot life expires. Thoroughly stir each component before mixing.

2. Measure (ratio) each component carefully and then add Part B (hardener) to Part A (resin).

3. Mix Parts A and B using a low-speed drill (600 rpm) and mixing paddle (e.g., a Jiffy mixer). Carefully scrape the sides and bottom of the container while mixing. Keep the paddle below the surface of the material to avoid entrapping air. Proper mixing will take at least 3 – 5 minutes. Well-mixed material will be free of streaks or lumps.

Protection and Repair

Technical Data

Composition

Concresive® Liquid LPL is a two-component 100% solids liquid epoxy.

Compliances

- ASTM C 881, Type II, Grade 2, Class C

Typical Properties

COMPONENT	PART A (Resin)	PART B (Hardener)
Form	Liquid	Liquid
Color	White	Black
Mixing ratio, by volume	2	1
Mixed color	Dark gray	

PROPERTY	VALUE		
	50° F (10° C)	**77° F (25° C)**	**105° F (41° C)**
Pot life			
1 qt (946 ml)	4.5 hrs	75 min	30 min
1 gal (3.8 L)	3.9 hrs	70 min	25 min
5 gal (18.9 L)	2.5 hrs	60 min	20 min
Viscosity, cps			
Resin	66,000	12,000	9,000
Hardener	1,150	350	110
Mixed	63,000	9,000	8,500
Thin film, open time	4 hrs	2 hrs	40 min
Thin film, days, full cure	14	7	3

Test Data[1]

PROPERTY	RESULTS	TEST METHODS
Tensile strength, psi (MPa)	4,400 (30.4)	ASTM D 638
Elongation at break, %	1.49	ASTM D 638
Compressive yield strength, psi (MPa)	8,300 (57.3)	ASTM D 695
Compressive modulus, psi (MPa)	3.5×10^5 (2.4×10^3)	ASTM D 695
Heat deflection temperature, ° F (° C)	127 (53)	ASTM D 648
Slant shear strength, psi (MPa)	5,000 (34.5)	AASHTO T-237
Bond strength, damp-to-damp concrete	100% concrete failure	AASHTO T-237
Bond strength at 14 days, psi (MPa)	1,800 (12.4)	ASTM C 882
Flexural bond strength, psi (MPa)	570 (3.9)	ASTM C 293

[1]Test temperature 77° F (25° C), cured 7 days.

Properties listed are typical and may be used as a guide for determining suitability for particular applications.

Application

GENERAL BONDING

Although this product will adhere to damp surfaces, dry surfaces produce the best results. When the surface is wet, remove free water by air blast or squeegee. Apply the bonding agent with a brush, paint roller, squeegee, conventional sprayer, or airless sprayer. The minimum bondline thickness should be 15 mils.

BONDING FRESH CONCRETE TO EXISTING CONCRETE

1. The new concrete being bonded should be a relatively low-slump mix.

2. When bonding concrete containing latex polymer admixtures, check compatibility either by installing a test patch and performing a pull-off test or by conducting a laboratory slant shear test (AASHTO T-237).

3. Apply the bonding agent as described in the General Bonding section above. Lightweight concrete may require a second coat if the first coat penetrates. Place fresh concrete within the open time or while the bonding agent is still tacky. Be careful when applying the fresh concrete not to damage the bonding layer.

4. For highly irregular surfaces sand may be used to extend this material. For proper application techniques refer to Appendix MB-17: Surface Preparation for Adhesives.

BOLT AND REBAR GROUTING

1. Holes may be cut by either rotary-percussion drilling, followed by air blow-out with oil-free compressed air, or diamond core boring, followed by water flush. The hole must be free of water before grouting. Where holes will be precast into the concrete, cast them undersized and drill them to fit.

2. The optimum hole size is 1/4" (6 mm) larger than the bar's; larger annular spaces are less desirable.

3. Pour a measured amount of bonding agent into the hole. Insert the bar, displacing the bonding agent, then secure the bar in the center of the hole. Remove excess bonding agent from around the hole before it hardens. Use pressure grouting for holes deeper than 2 ft (0.6 m).

Clean Up

Clean all tools and equipment immediately with xylene or mineral spirits. Cured material must be removed mechanically.

For Best Performance

- Precondition all components to 70° F for 24 hours before using.
- Application temperature range is 50 to 105° F (10 to 41° C).
- Do not add solvents or water to epoxy components.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Health and Safety

CONCRESIVE® LIQUID LPL PART A

Caution

Contains epoxy resin, 0-cresyl glycidyl ether.

Risks

May cause skin, eye and respiratory irritation. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. Ingestion may cause irritation.

Precautions

Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Keep container closed when not in use. Wash thoroughly after handling. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone numbers given below.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or reproductive harm.

VOC Content

0 g/L or 0 lbs/gal less water and exempt solvents when components are mixed and applied per Manufacturer's instructions.

CONCRESIVE® LIQUID LPL PART B

Danger-Corrosive:

Contains: Tall oil fatty acids, reaction products with tetraethylene pentamine; Tetraethylene pentamine; 2,4,6-Tris((dimethylamino)methyl)phenol.

Risks

Contact with skin or eyes may cause burns. Ingestion may cause irritation and burns of mouth, throat and stomach. Inhalation of vapors may cause irritation. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. Repeated or prolonged contact with skin may cause sensitization. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. Refer to Material Safety Data Sheet (MSDS) for effects of repeated overexposure.

Precautions

DO NOT get in eyes, on skin or clothing. Wash thoroughly after handling. Keep container closed. DO NOT take internally. Use only with adequate ventilation. DO NOT breathe vapors. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone numbers given below.

Proposition 65

This product does not contain materials listed by the state of California as known to cause cancer, birth defects, or reproductive harm.

VOC Content

0 g/L or 0 lbs/gal less water and exempt solvents when components are mixed and applied per BASF instructions.

For medical emergencies only, call ChemTrec (1-800-424-9300)

BASF Construction Chemicals, LLC – Building Systems

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