



**WEAVER GENERAL CONSTRUCTION COMPANY**  
 3679 S. Huron St., Suite 404  
 Englewood, CO 80110  
 Phone: (303) 789-4111 FAX: (303) 789-4310

**SUBMITTAL TRANSMITTAL**

September 27, 2010

**WGC Submittal No: 03300-003**

**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:** **Baker Concrete Construction**  
 1904 Jasper Street  
 Aurora, CO 80011  
 937-536-9000 Nick Dewald

**SUBJECT:** Sec 03300-2.1.B.2&3d - Maxcure Resin Clear - Curing Compound

**SPEC SECTION:** 03300 - Cast-In-Place Concrete

**PREVIOUS SUBMISSION DATES:** None

**DEVIATIONS FROM SPEC:** \_\_\_ YES  X  NO

**CONTRACTOR'S STAMP:** This submittal has been reviewed by Weaver General Construction and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

**Contractor's Stamp:**

Date: 9/27/10  
 Reviewed by: H.C. Myers  
 ( X ) Reviewed Without Comments  
 ( ) Reviewed With Comments

**Engineer's Stamp:**

**ENGINEER'S  
 COMMENTS:** \_\_\_\_\_



# Letter of Transmittal/Submittal

FROM: **Baker Concrete Construction**  
 1904 Jasper Street  
 Aurora, CO 80011  
 303.367.8111  
 Nick Dewald 937.536.9000

DATE	09/23/10	JOB NUMBER	9921
ATTENTION	Bruce Herman		
RE:	Harold Thompson Regional WRF		
TR#	9921-003	SM#	03300-003

TO: **Bruce Herman**  
 Weaver General Construction Co.  
 3679 South Huron St., Suite 404  
 Englewood, CO 80110

We are sending you: **ATTACHED** via **EMAIL** the following: **SPECIFICATION**

COPIES	DATE	PAGES	Description
1	9/23/2010	2	Sec 03300-2.1.B.2&3d - Maxcure Resin Clear - Curing Compound

THESE ARE TRANSMITTED as noted below:



REMARKS \_\_\_\_\_  
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COPY TO \_\_\_\_\_ SIGNED: \_\_\_\_\_  
 Baker Concrete Construction, Inc.

If enclosures are not as noted, kindly notify us at once



# Maxcure Resin Clear

## Water-Emulsion, Dissipating Resin Curing Compound

### DESCRIPTION

**Maxcure Resin Clear** is a water-emulsion, VOC compliant, dissipating resin, concrete curing compound. **Maxcure Resin Clear** has been formulated to form a membrane film on the surface of the concrete that optimizes water retention for maximum concrete hydration and compressive strength. **Maxcure Resin Clear** will appear milky white in the container and dries to a clear film designed to dissipate and wear away when exposed to heat, traffic and ultra violet radiation. **Maxcure Resin Clear** is available with a red fugitive dye upon request.

### USES

**Maxcure Resin Clear** is ideal for curing horizontal and vertical concrete surfaces such as walls, floors, bridge piers, structures, wing walls, barriers, abutments, retaining walls, sidewalks, curbs and gutters.

### BENEFITS

- Contributes to LEED EQ Credit 4.2
- Water-Based: Low odor
- VOC Compliant: Meets stringent requirements
- Clean-up with water
- Approved by many state DOTs
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength over untreated concrete
- Consistent: Strict Quality Control testing and standards

### STANDARDS

**Maxcure Resin Clear** meets and exceeds the requirements of ASTM C-309 Type I, Class B and AASHTO M-148 as tested in accordance with ASTM C-156 and AASHTO T-155. CDOT approval number is 968-98.

### SURFACE PREPARATION

**Maxcure Resin Clear** should be applied to freshly placed concrete as soon as the surface water has dissipated. On exterior, vertical surfaces, **Maxcure Resin Clear** should be applied to concrete immediately upon removal of the formwork.

### COVERAGE

Approximately 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L). Coverage may vary depending on porosity of surface.

### MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

### PLACING

Apply with a low pressure sprayer, brush or roller at a rate of 200 ft<sup>2</sup>/gal. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Do not interchange use of sprayer that has been used to spray a solvent based product.

### PHYSICAL PROPERTIES

\*Complies with V.O.C. contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

V.O.C.	74* g/L
COLOR	Milky White
VISCOSITY	20 CPS
FLASH POINT	Non-Flammable
DRY-TIME	2 hrs @ 70°F (21°C)
SHELF LIFE	1 Year

### STORAGE

Protect from freezing. Store in an interior, cool, dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

### CLEAN-UP

Clean tools and equipment with warm, soapy water. After material has dried, it may be necessary to use solvents such as mineral spirits, toluene or xylene.

### LIMITATIONS

In addition to the limitations already mentioned, please note the following. If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the curing compound. **Maxcure Resin Clear** must be exposed to heat, traffic or sunlight to fully dissipate. When applied indoors, chemical means may be necessary for removal. Do not apply when the temperature of concrete is below 40°F (4°C). Do not mix with any other products. Do not pour unused material back into original container.

## **SUBMITTED**

### **BAKER CONCRETE CONSTRUCTION**

**September 23, 2010**

Baker Concrete Construction reviewed, approved, and hereby submits the attached in accordance with the Contract Documents. Note to Subcontractor/Material Supplier: Subcontractor remains responsible for confirmation and correlation of dimensions at the jobsite, fabrication processes and construction techniques; coordination of the work with work of other trades and satisfactory performance of the work.

**Packaging: 5 gal (18.9 L) pail, 55 gal (207.9 L) drum**



# Maxcure Resin Clear

*Water-Emulsion, Dissipating Resin Curing Compound*

## REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

### **HMIS**

Health 1, Fire 0, Reactivity 0

### **VOC Content**

74 g/L

## CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

## TECHNICAL SERVICE

US MIX Co.

112 South Santa Fe Drive

Denver, CO 80223

Tel: 303.778.7227 Fax: 303.722.8426

Web Site: [www.usspec.com](http://www.usspec.com)

**NOTICE OF LIMITED WARRANTY** US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales, people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

**LIMITATION OF WARRANTIES AND LIABILITY** Buyer assumes all risks associated with the use of this product. Manufacturer expressly disclaims all warranties expressed or implied including the warranties of merchantability and fitness for a particular purpose and all other warranties otherwise arising by operation of the law, course of dealing, custom, trade or otherwise. Buyer's exclusive remedy if this product is proven to be defective is limited to refund of purchase price by the manufacturer. Refund shall only be available if the buyer notifies manufacturer in writing within thirty days following discovery of any defect. Written notice shall be forwarded to US MIX Co. at 112 South Santa Fe Drive, Denver, Colorado 80223. No claim can be made twelve months after purchase of the product. Twelve months after the purchase manufacturer's duties with respect to the product and limited warranty shall be presumed to have been satisfied. Manufacturer in no event is liable for consequential damages.