

*Product Book for*

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# *Mix Water Conditioner™*

*To*

*From*

Applied Concrete Technology, Inc.  
1643 Normandy woods Ct.  
Grayslake, IL 60030  
(800) 2286694  
[WWW.PROTECRETE.COM](http://WWW.PROTECRETE.COM)

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# Contents

<i>Introduction</i> .....	3	D. Availability .....	8
A. Product Description .....	4	E. Cost .....	9
Proprietary name		Per gallon and per cubic yard	
Manufacturer		Cost saving features	
Basic use		F. Guarantees and Warranties .....	10
Amount needed		Sample Warranty .....	11
Shelf life		G. Possible Target Markets .....	13
Composition and materials		H. Project Profiles .....	14
Packaging		I. List of References .....	16
Limitations		I. Densifier® and Our Other Products .....	17
B. Technical Data .....	6	J. Technical Services .....	19
Physical and chemical data			
Test reports			
Applicable standards			
C. Installation .....	7		
Dry batch			
Central batch			
Continuous mixing			

# *Introduction*

SOMETIMES PRODUCTS COME ALONG in an industry that seem “too good to be true” because they answer many of the problems that have been difficult to correct.

Applied Concrete Technology, Incorporated (ACT) is currently marketing such products. PROTECRETE'S Complete Concrete Protection System™ is high technology that is on the cutting edge of preventative maintenance for the concrete industry.

The first element of this system is PROTECRETE Mix Water Conditioner™, a multi-purpose additive that is added to concrete's mixing water which has been proven to create high performance concrete at an economical cost, among a host of other benefits. This is the product being discussed for this evaluation. The second element is an internal sealer and waterproofer which produces a superior cure for concrete, namely PROTECRETE Densifier®. This will be mentioned briefly towards the end of this book.

PROTECRETE Mix Water Conditioner can help produce concrete that should last to the end of this century and beyond. Following are the reasons we make such a large, confident statement and the proof of why this product, while it may appear “too good” is nonetheless “true.”

—APPLIED CONCRETE TECHNOLOGY, INC.

# Product Description

## Proprietary name

PROTECRETE Mix Water Conditioner™

## Manufacturer

*International Headquarters*

Applied Concrete Technology, Inc.

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(847)548-2444

FAX (847)548-2555

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E-MAIL [protecrete@sbcglobal.net](mailto:protecrete@sbcglobal.net)

## History

Applied Concrete Technology, Inc. was founded by David T. Johnson in 1987, solely for manufacturing and marketing the PROTECRETE line of products.

Densifier®, formerly called Concrete Densifier Sealer, was the first product introduced by ACT. The first tests for Mix Water Conditioner were conducted in 1991 for Exxon, and the product was officially put onto the market in 1994.

## Basic use

PROTECRETE Mix Water Conditioner is a concrete additive which, unlike most admixtures, is added to concrete's mixing water rather than the mix. This allows Mix Water Conditioner to change the chemical composition of the water in such a dramatic way that virtually all of the mix water is used and more of the portland cement is hydrated.

Mix Water Conditioner should be used in any commercial application because it makes any concrete better. It creates stronger and

more impermeable concrete, which translates to extended lifespan. It is easy and safe to use, and is an economical way to get high quality, consistently performing concrete.

Mix Water Conditioner is especially ideal for the following:

1. **Concrete exposed to weather.** Mix Water Conditioner makes concrete impermeable, so water cannot enter the concrete. It therefore cannot expand and contract, causing freeze-thaw damage.
2. **Highly visible concrete.** (consistency, lack of cracks)
3. **Concrete that will be colored.**
4. **Concrete that will be pumped.**
5. **Super-flat floors.**
6. **Floors that will be covered.**
7. **Walls and other concrete that must be painted** (sealed against moisture coming through).
8. **Rapid-set concrete.**
9. **Concrete used near food service or where health is a concern.**
10. **Concrete that will be exposed to acids, including food acids.**
11. **Concrete installations where timing (or overtime pay) is a concern.**

## Amount needed

Only 10 ounces of Mix Water Conditioner are needed per 100 pounds of portland cement.

## Shelf life

Unlimited.

Composition and materials

Mix Water Conditioner is a clear, environmentally neutral, non toxic, odorless, non-VOC or VOS liquid. It is not combustible or flammable. It has a pH of  $\pm 12$ .

Packaging

Available in 5-gallon pails or 55-gallon drums.

Limitations

*None.* Mix Water Conditioner is compatible with all admixtures and can be used in any concrete containing portland cement. The following precautions should be undertaken:

***Mixing***

All concrete should be properly mixed for maximum strengths, and this is especially true when using Mix Water Conditioner. Installer should follow manufacturer's instructions (detailed in the Installation section of this binder).

***Cold weather***

We strongly recommend curing with PROTECRETE Densifier® following all Mix Water Conditioner installations, but this is particularly true in cold weather conditions. When sprayed on as soon as the finishers come off, Densifier will keep the expanding water molecule under control and from causing weather cracking in properly placed concrete.

***Hot weather***

As with cold weather conditions, concrete should be immediately cured with Densifier to avoid thermal cracking, especially in windy conditions.

# Technical Data

## Physical and chemical data

Physical .....	Liquid
Color .....	Water-clear
Odor .....	None
pH .....	±12
Flash point .....	None
Toxicity .....	None
Pollutants .....	None
Hazardous vapors .....	None
Spill cleanup .....	Dilute/flush w/ water
Environmental impact .....	None/neutral
User status .....	Friendly
Abrasion resistance .....	Excellent

## Test reports

Various lab and field tests have been performed through the years for Mix Water Conditioner. The most extensive testing on this product, however, was performed by the University of Illinois at Chicago. The group doing the testing was overseen by Dr. Mohsen Issa, a respected expert in his field. A full copy of this test is being provided to your company under separate cover.

## Applicable standards

According to Dr. Issa, Mix Water Conditioner (alone and as cured with Densifier) meets or exceeds the following criteria for High Performance Concrete and was tested according to the standards listed below:

### *Strength criteria—*

Compressive ....	ASTM C39, AASHTO T22
Flexural .....	ASTM C78
Splitting tensile .....	ASTM C496
Modulus of elasticity .....	ASTM C469
Shrinkage .....	ASTM C157
Creep .....	ASTM C512

### *Durability criteria—*

Freeze thaw .	ASTM C666, AASHTO T161
Scaling .....	ASTM C672
Abrasion .....	ASTM C944
Chloride permeability .....	ASTM C114, ..... C1202, AASHTO T277
Sulfate attack .....	ASTM C1012
Petrographic exam ....	ASTM C457, C856

# Installation

The basic requirement for using PROTECRETE Mix Water Conditioner is to add it to the mixing water and not the mix at the rate of only 10 ounces per 100 pounds of portland cement. Several examples follow for different kinds of batching:

## Dry Batching Directions:

- a. Determine volume needed at 10 ounces of Mix Water Conditioner per 100 pounds of portland cement.
- b. Prior to dry batching concrete, pour pre-determined volume of Mix Water Conditioner into rinsed, water evacuated transit mixer truck. (If truck is not clean, add 90% of water prior to adding Mix Water Conditioner.)
- c. Pull truck under plant for loading.
- d. With mixer turning in its mixing mode, load approximately 90% of the total mix water BEFORE loading cement and aggregate.
- e. Load cement, aggregates (in any order) and balance of mix water.
- f. *There must be at least 110 revolutions on the transit mixer before concrete is placed at pour site or product may not perform as it should!*
- g. Slump may be adjusted at job site using plain water, followed by 5 minutes of additional mixing.

## For Central Batch Mixing:

- a. Determine volume needed at 10 ounces of Mix Water Conditioner per 100 pounds of portland cement.
- b. Pour or pump the calculated volume of product into mix water premeasuring tank as you add the mix water (additional blending or stirring of the mix water is not required). Then batch concrete as usual.
- c. After concrete is batched, extra mixing time will be needed. *You must add 50 percent more mixing time for best results.* For example, if 3 minutes mixing time are normally required, then mix for 4-1/2 minutes.
- d. Slump may be adjusted at job site using plain water, followed by 5 minutes of additional mixing by transit mixer.

## Dosage for Continuous Mixing:

Calculate volume needed at 10 ounces of Mix Water Conditioner per 100 pounds of portland cement. Calculate amount of mix water needed per 100 pounds of portland cement. This will provide your ratio of Mix Water Conditioner to mix water. (For example, if calculations show that 5 gallons of mix water are required per 100 pounds of cement, then the water in the tank should be treated at the rate of 10 ounces of product per 5 gallons of water.)

# Availability

PROTECRETE Mix Water Conditioner is available anywhere in the world. We ship everywhere in the country plus Canada and Puerto Rico using our customers' own freight companies or our two regular carriers, Fedex Freightways and Conway Frieght. We receive a sizable discount which we pass along to our customers. We also have accounts established with freight forwarders for shipping internationally, including Korea, Japan, China, Great Britain, Europe ,Australia and the Middle East.

We manufacture out of Caddo Mills, Texas, just outside of Dallas.

It has been cost-effective to maintain this solitary location and will continue to be until

we have an increase in demand of more than 1,000,000 gallons per year over current production, which we anticipate will occur in 2004. At this point, we are poised to set up as many blending facilities as necessary, which will double, triple or even quadruple our current capacity. These are currently scheduled for Illinois and California , but final locations will be based on sales at the time of establishment.

We currently maintain limited stock in Chicago and California to accommodate key customers in those locales. We also have a number of distributors who stock product throughout the United States.

# Cost

The cost per cubic yard for PROTECRETE Mix Water Conditioner is relatively low. We are often less expensive than inferior alternatives, especially when PROTECRETE Mix Water Conditioner replaces a number of these products all at once.

Our retail price is \$40.00 per gallon, which is \$0.31 per fluid ounce or \$3.10 per 100 pounds of cement.

We offer a substantial discount to the trade of \$30.00 per gallon (\$0.23 per ounce or \$2.30 per 100 pounds of cement) to keep the cost to the end user as close to retail as possible while still providing a profit to the ready-mix company or general contractor.

Users can achieve significant cost savings by any of the following:

(1) **Finishingtime.** We have seen savings of more than 50% on individual jobs and believe most users could reasonably expect at least 20-25% savings.

(2) **Maintenance.** If used properly, Mix Water Conditioner should cause the concrete to last significantly longer than normal expectancy, alleviating the need for repair or replace-

ment. Due to the greatly improved impermeability, contaminants cannot freely travel through the concrete, causing deterioration. This means the concrete will last longer, saving many maintenance dollars.

In addition, the concrete will be easier to clean, provide easier ice/snow removal if outdoors, and will also provide greater abrasion resistance, keeping the concrete looking good.

(3) **Elimination of floor replacements due to moisture problems.** The qualities of durability imparted by Mix Water Conditioner mean much greater impermeability, especially when combined with the permanent protection of our Floor Saver System applied after concrete placement and finishing. Water cannot travel through the concrete slab anymore, meaning that the water-based adhesives under the floor coverings will not dissolve and fail.

# Guarantees and Warranties

Warranties are offered on a project basis and can run up to 20 years. This are issued upon correct usage and mixing by the ready mix companies used for each project. To alleviate potential problems (the most common one being that the ready mix company tries to add Mix Water Conditioner to the mix and not the mixing water, followed by the problem of undermixing), we prefer to have a local representative present at the first installation.

A copy of our standard warranty follows.

PROTECRETE COMPLETE CONCRETE PROTECTION SYSTEM  
MIX WATER CONDITIONER / DENSIFIER

**LIMITED WARRANTY**

*Please Read Carefully -page 1 of 2*

This is a LIMITED WARRANTY. It covers the structure described on page 2 for which the PROTECRETE Complete Concrete Protection System consisting of PROTECRETE Mix Water Conditioner and PROTECRETE Densifier has been purchased. The Warrantor is APPLIED CONCRETE TECHNOLOGY, INC. ("ACT").

A. The duration of this warranty is twenty (20) years from date of installation.

B. The remedy of the buyer is limited to the following: ACT warrants the system against virtually no plastic shrinkage cracking and virtually no curling. If the PROTECRETE Densifier-treated surface shows hydrostatic moisture on structurally sound areas, ACT will supply labor and materials to reapply such problem areas with PROTECRETE Densifier at no charge to the buyer. At such time as examination by an authorized representative of the warrantor discloses to the satisfaction of the warrantor that said hydrostatic moisture occurred.

C. The Warrantor warrants to the Buyer that the products sold hereunder are free from defects in material and workmanship under normal use and service in the hands of the original purchaser. No other guarantees or warranties, express or implied, are made by ACT or its representative and its liabilities shall be limited to those herein specified. This warranty does not apply to damage resulting from structural cracking, concrete faultings or joint areas requiring caulking or sealants. Furthermore, we cannot be responsible for the quality of the concrete, the workmanship of the finished concrete nor the misuse or misapplication of the PROTECRETE material. UNLESS THE DOSAGE/USE AND APPLICATION OF THESE PRODUCTS ARE IN ACCORDANCE WITH COMPANY'S INSTRUCTIONS, THE SAID PRODUCTS ARE SOLD "AS IS" AND WITHOUT ANY WARRANTY WHATSOEVER.

D. ADJUSTMENT PROCEDURES: (1) the Warrantor must be promptly notified of any claim or defect within 30 days; (2) contact your PROTECRETE Distributor for additional instructions in obtaining a warranty adjustment; (3) the Warrantor must approve all adjustments, including any repairs or replacements.

E. THE REMEDIES PROVIDED HEREIN ARE EXCLUSIVE, AND ARE EXPRESSLY IN LIEU OF ALL OTHER REMEDIES, INCLUDING ANY REMEDIES FOR THE COLLECTION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES AND APPLY TO ALL WARRANTIES AS TO THE PRODUCT SOLD, EXPRESS OR IMPLIED.

PROTECRETE COMPLETE CONCRETE PROTECTION SYSTEM  
MIX WATER CONDITIONER / DENSIFIER

## LIMITED WARRANTY

Page 2 of 2

### GENERAL INFORMATION

**Job** \_\_\_\_\_  
**Contact** \_\_\_\_\_  
**Address** \_\_\_\_\_  
**Material** PROTECRETE Mix Water Conditioner, Densifier \_\_\_\_\_  
**Installed Areas** \_\_\_\_\_  
**Cubic Yards/Square Footage** \_\_\_\_\_

### TEST SAMPLE INFORMATION

**Tested By** \_\_\_\_\_  
**Date** \_\_\_\_\_  
**Product** \_\_\_\_\_  
**Location** \_\_\_\_\_

### MIX WATER CONDITIONER

**Date of Substantial Completion** \_\_\_\_\_  
**Person Overseeing Dosage** \_\_\_\_\_  
**Address of Ready-Mix Plant** \_\_\_\_\_  
**Phone** \_\_\_\_\_  
**Person in Charge** \_\_\_\_\_  
**Signature of Person in Charge** \_\_\_\_\_

### DENSIFIER

**Date of Substantial Completion** \_\_\_\_\_  
**Name of Applicator** \_\_\_\_\_  
**Address of Applicator** \_\_\_\_\_  
**Phone** \_\_\_\_\_  
**Person in Charge** \_\_\_\_\_  
**Signature of Person in Charge** \_\_\_\_\_

### DISTRIBUTOR INFORMATION *Attach invoice copies*

**Invoice Numbers** \_\_\_\_\_  
**Person in Charge** \_\_\_\_\_  
**Company Name** \_\_\_\_\_  
**Address** \_\_\_\_\_  
**Distributor Signature** \_\_\_\_\_

*Office Use Only*

**Date Issued:** \_\_\_\_\_ **Revised:** N/A \_\_\_\_\_  
**Number:** \_\_\_\_\_ **Trust:** \_\_\_\_\_

# Possible Target Markets

There are a number of possible ways to effectively market PROTECRETE Mix Water Conditioner. Here are a few of the ideas we had that might spark some ideas within your own company:

## Color enhancing additive

To our knowledge, there is no admixture on the market which specifically claims to enhance the color of colored concrete and keep the color rich and consistent. We feel this would be an ideal way to market Mix Water Conditioner. Colored concrete can also be tricky to work with, and Mix Water Conditioner easily alleviates many of the problems associated with colored concrete.

## Environmentally safe alternative to superplasticizers

There is a trend towards environmentally safe products, and Mix Water Conditioner is completely environmentally safe. This makes it an ideal addition to concrete, which is currently being promoted as a “green” product. Mix Water Conditioner just makes it a little greener.

When used in conjunction with admixtures that aren't as safe, Mix Water Conditioner helps alleviate any byproducts from the finished concrete, since Mix Water Conditioner makes the concrete less permeable. Contaminants and hazardous materials are less able to travel through the concrete and cause sick building syndrome and other environmental problems.

## Corrosion inhibitor

Corrosion inhibitors can traditionally be difficult to work with and can get costly if

large amounts of product are required. Again, Mix Water Conditioner is an environmentally safe and highly effective alternative to corrosion inhibitors. It can also be used in conjunction with current corrosion inhibitors to enhance their performance.

## Regular strength, high performance additive

The University of Illinois at Chicago tested Mix Water Conditioner as a high performance mix against a high performance control. They found Mix Water Conditioner to consistently perform better than their control.

What this means is that Mix Water Conditioner could be marketed as a high performance admixture, either with a large markup or a small markup, making it the “poor man's” alternative to expensive, high performance mixes. Although it doesn't bring the strength up to the 10,000 psi usually associated with high performance mixes, it decreases the permeability to the point that it can be considered high performance because it is so durable.

## Alternative to air-entrainment for freeze-thaw protection

Using air entrainment can often involve a lot of guess work and Mix Water Conditioner can make things easier. Most of the industry shies away from removing air entraining altogether, but air entraining can be reduced with the addition of Mix Water Conditioner.

## Shotcrete additive

Shotcrete can be difficult, and Mix Water Conditioner makes things much easier. The product pumps more easily, hardens faster and keeps color consistent in specialty applications.

# Project Profiles

PROTECRETE Mix Water Conditioner has been used all throughout the United States and in some areas of Canada, Korea and Japan. The following installations have been among the most significant to date:

## Disney Land - California

Disney was having all kinds of problems with the colored concrete they were pouring for their new adventure park. They were using Type V cement and couldn't even get the concrete to break at 3000 psi after 28 days. Finally, Disney insisted that the ready-mix plant use Mix Water Conditioner and they switched to Type II cement. Once they started using Mix Water Conditioner, the concrete exceeded the desired strength. The Disney "imagineers" were thrilled because for the first time ever, the color of the concrete that was poured matched the concrete color that they specified.

## McDonald's Restaurants - Michigan

McDonald's has been using several of our products, including Mix Water Conditioner, for the past four years in Michigan. They have removed air entraining because Mix Water Conditioner alone provides the freeze-thaw resistance they need.

Recently, a ready-mix company refused to use Mix Water Conditioner, a new product to them, but McDonald's wouldn't hear of it. They forced the ready-mix company to use it anyway.

## Cal-Ga-Crete Industries - California

Hans Koch, the owner of Cal-Ga-Crete, had sold many of his concrete tiles to Disney in California and Florida. In order to furnish

Disney with tiles for their France location, however, Hans's tiles had to be freeze-thaw resistant. So Disney told him to call us.

Hans started using Mix Water Conditioner and found an added benefit. Not only were the tiles impermeable and thus, freeze-thaw resistant, but he no longer received complaints from customers about variation in color from what they ordered.

## Museum of Contemporary Art - Chicago

Steven Ball of A. Epstein & Sons specified Mix Water Conditioner in the basement floor of this building to see what Mix Water Conditioner could do. The whole floor has no control joints and is tied into the walls and support poles with rebar. After this successful test, they poured the auditorium, which had 90 degree corners stepping down in the seating area. The corners were perfectly square with no rounding off or chipping. Steve discusses this project more fully on our promotional video.

## Richard J. Daley Plaza - Chicago

Mix Water Conditioner was specified into this \$8 million renovation to replace shrinkage compensated concrete. Densifier was also specified as the cure to ensure that the concrete would not shrink. The first pour was a continuous 14-foot by 320-foot strip with no control joints. The slabs varied in thickness from 3/4-inch thick to 3 inches thick. What made this particularly critical is that they were using 3/4-inch #57 aggregate. The job experienced less than 2% shrinkage of the hardened concrete.

*Continued on next page*

Home Depot - Michigan

This job didn't have anything going for it. Although the specifications called for 564 pounds of portland cement, the project received only 470 pounds. An extra 200 pounds of sand was added to the mix, and the concrete was slumped from 5 to 10 inches.

To make matters worse, they were working on a very loose base. The transit mixer trucks were sinking to their axles when delivering their loads.

Fortunately, though, they were using Mix Water Conditioner. Even though they didn't

use a 6-bag mix or maximum slump of 5 inches, compressive strengths were still exceeded. The design was 4000 psi, yet even the concrete with the 10-inch slump reached 3480 psi at 7 days and 5420 psi at 28 days.

For the exterior concrete, 611 pounds of portland were used in a mix without Mix Water Conditioner. Its compressive strengths lagged behind the 470-pound mix which included the Mix Water Conditioner.

# List of References

Following is our list of “best of the best” references that we invite you to contact for more information about how our product works and how it is perceived in the industry:

Hans Koch (310) 901-1406 cell  
President  
Cal-Ga-Crete Industries, Inc.  
*Precast tile mfr. - San Pedro, CA*

Steve Ball or Bob Rada (312) 454-9100  
Vice President  
A. Epstein & Sons  
*Engineering firm - Chicago, IL*

Ivan Cuppett (616) 954-7735  
Construction Manager  
McDonald's Corporation  
*Grand Rapids, MI*

Kurt Schwarm (818) 544-2643  
Senior Specifier, WDI CA  
David Dahlke (818) 544-3593  
Senior Project Engineer  
Walt Disney Imagineering  
*Anaheim, CA*

Gary Graham (407) 938-2393  
Senior Art Director,AK  
Walt Disney Imagineering  
*Animal Kingdom,Orlando, FL*

Mark Andrews (406) 885-2484 cell  
President  
Innovative Building Systems  
ICF Builder, Polson,MY

Earl “Honk” Visger (407) 948-2993 cell  
President  
D & D Landscapes, Inc.  
*Hardscape/Gen. Contractor - Orlando, FL*

Ed Tewes (847) 514-3696 cell  
Quality Control  
Thelen Redi-Mix  
*Ready-mix company - Antioch,IL*

Robert Nouhan (248) 313-972-6820  
President  
Temtech  
*Independent Consulting Engineer to  
General Motors - Rochester Hills, MI*

Ramon Perez-Chavez (847) 286-1803  
Director of Professional Services  
Sears, Roebuck & Co.  
*Hoffman Estates, IL*

PJ Larue (847)381-3105  
Owner  
PJ's Concrete  
*Shotcrete & Pool Builder- Barrington, IL*

# Densifier® and Our Other Products

Applied Concrete Technology, Inc. produces a full line of concrete enhancement products, as well as protective products for other surfaces besides concrete. These products are mentioned briefly below:

## Densifier®

The Densifier product is the other half of PROTECRETE's Complete Concrete Protection System. It is sprayed on as a cure to concrete which contains Mix Water Conditioner as soon as the finishers come off and you can walk on the concrete without leaving footprints. The one-two punch of these products produces some of the most durable, impermeable concrete you can find today in a very economical way.

Densifier fills up the porosity of the concrete and holds in the water to help create concrete which is extraordinarily hard, dense and virtually impermeable. It is unlike any other sealer on the market.

## The Densifier Plus Series

The following products offer all of the same benefits gained by using Densifier alone, with the added benefits described below:

*Densifier plus Repeller*—provides extra water and oil repellence on concrete's surface. For new or green concrete only.

*Densifier with Surface Gloss*—provides a light-reflective, long-lasting sheen to concrete's surface. For new or green concrete only.

*Densifier plus Cleaner*—helps remove unsightly grease and oil stains.

*Densifier for Rebar*—Sprays on existing concrete to stop corrosion of embedded steel/rebar without having to first remove the concrete. Can also be used on new concrete.

## Floor Saver System®

The Floor Saver System consists of two parts. The first, Part One, waterproofs the concrete from the inside out, penetrating the slab to depths of up to 6 inches or more. Like its sister product, the Densifier, Part One creates a 100% solid colloidal gel that permanently seals the concrete against water intrusion.

Part Two is applied over Part One to form a breathable membrane over the concrete floor. This further limits the moisture vapor transmission process and helps bring down calcium chloride readings to acceptable levels.

## Repeller

Repeller provides invisible water resistance for a wide variety of surfaces, leaving the natural appearance intact, including concrete, stone, pavers, grout, slate and stucco.

## Redeemer

Redeemer provides water resistance and an attractive, glossy finish for a wide variety of surfaces including concrete, masonry, drywall and wood. It can also be used as a sand consolidator and for crack repair. When pigmented, Redeemer provides an attractive finish for flawed surfaces.

*Continued on next page . . .*

#### Liquid Applied Membrane

Liquid Applied Membrane is similar to Redeemer and can also be used on a wide variety of surfaces. It is much more elastic than Redeemer, though, and is only suitable for non-traffic bearing surfaces. This product was developed to provide a UV-resistant coating for roofs.

#### Vitritred

Vitritred is an anti-slip solution for mineral surfaces such as ceramic tile, slate, granite, smooth troweled concrete and even marble. Vitritred works beautifully when surface is dry and even better when it's wet.

#### Eff-Clean

Eff-Clean is a highly effective efflorescence removal product. It was created to provide a safer and easier to use alternative to diluted muriatic acid.

#### Wood Protector

Wood Protector a non-yellowing sealer for wood surfaces. It lasts longer than its direct competitors, often up to five years or more.

#### More Information

For more information on any of the above products, feel free to contact us directly at (800) 228-6694 or look up the information you need in the Products section of our website at [WWW.PROTECRETE.COM](http://WWW.PROTECRETE.COM).

# Technical Services

Technical questions and issues should be directed to our corporate headquarters. Please contact any of the following people:

Sandra Johnson, Co-Owner and CEO  
PHONE (847) 548-2444

David T. Johnson, Jr., Co-Owner  
CELL PHONE (847) 274-7088

*Main address and contact info for above:*  
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