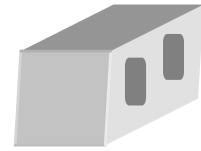




BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 1

TABLE OF CONTENTS

SAMPLES SUBMITTED 2

PURPOSE OF TEST 3-4

PRODUCTS EVALUATED..... 5

SECTION A – CLEANING INTEGRALLY COLORED CMUs

DESCRIPTION OF PRODUCTS EVALUATED..... 6

TEST METHOD 6

TEST RESULTS 7-8

CONCLUSIONS..... 9

RECOMMENDATIONS..... 9

SECTION B – SURFACE ALTERATIONS

DESCRIPTION OF PRODUCTS EVALUATED..... 10

TEST METHOD 10

TEST RESULTS 11-13

PHOTOGRAPHS (Surface Alterations) 14-15

CONCLUSIONS..... 16

RECOMMENDATIONS..... 16

SECTION C - PROTECTIVE WATER REPELLENTS

DESCRIPTION OF PRODUCTS EVALUATED..... 17

TEST METHODS 17

TEST RESULTS 18

CONCLUSIONS..... 19

RECOMMENDATIONS..... 19

ATTACHMENTS

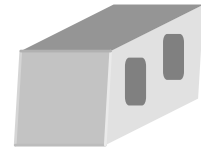
Technical Services TECH Note RILEM Test Method No. II.4

Product Data literature for all products evaluated

Material Safety Data Sheets for all products evaluated



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 2

FOR: Allied Ready Mix
300 Pike Blvd
Lawrenceville, GA

cc: Mike Burdette
Paul Tessier

SUBJECT: Allied Ready Mix
Lawrenceville, GA

DATE: May 9, 2001

PROJECT: 0102-10 BP

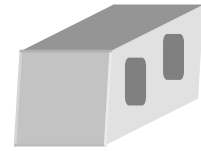
SAMPLES SUBMITTED: 3 types of split-face CMU and 7 types of concrete brick.

<u>Block</u>	<u>Color</u>	<u>Size</u>
(1) Split-face CMU	"Gray"	8" x 8" x 16"
(2) Split-face CMU	"White"	8" x 8" x 16"
(1) Split-face CMU	"Buff"	8" x 8" x 16"
(4) Concrete Brick	"Redwood Blend"	3½" x 7½" x 2¼"
(4) Concrete Brick	"Depot Red"	3½" x 7½" x 2¼"
(4) Concrete Brick	"Rustic Red"	3½" x 7½" x 2¼"
(4) Concrete Brick	"Plantation Red"	3½" x 7½" x 2¼"
(4) Concrete Brick	"Georgetown Blend"	3½" x 7½" x 2¼"
(4) Concrete Brick	"Smokey Mountain Brown"	3½" x 7½" x 2¼"
(4) Concrete Brick	"Autumn Harvest"	3½" x 7½" x 2¼"

Submitted by : Mike Burdette



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 3

PURPOSE OF TESTING:

Three types of integrally colored split-face CMU with large, small and fine aggregate and with pallet stains were submitted for testing using PROSOCO's cleaners. Seven types of concrete brick were submitted for testing using PROSOCO's new construction cleaning and water repellent products.

A. Cleaning Concrete Masonry Units: Sure Klean[®] Custom Masonry Cleaner and Enviro Klean[®] BioKlean[™] were evaluated for removal of orange pallet stains from the split-face CMUs. Sure Klean[®] Custom Masonry Cleaner and Sure Klean[®] Burnished Custom Masonry Cleaner were evaluated for removal of laboratory applied mortar from the concrete bricks.

To simulate new construction soiling, all of the concrete bricks are placed on a bench with finished surface facing upward. Hollow cylinders measuring 50 mm in diameter and 75 mm tall are positioned on top of each brick and filled with a wet mixture of Ash Grove[®] Type S cementitious mortar. The wet, mortar-filled cylinder is allowed to remain in contact with the bricks for 10 minutes before removal.

Soiled bricks are allowed to dry before test cleaning.

Heavy deposits of mortar are removed with dry scraping after 24 hours. Prepared cleaning solutions are then evaluated for their effectiveness in removing residual Ash Grove[®] Type S mortar staining after 3 days, 7 days, and 14 days of curing.

Refer to “*Note: When cleaning integrally colored CMU” in the following section, “Surface Alteration Testing.”

B. Surface Alteration Testing - Sure Klean[®] Custom Masonry Cleaner and Enviro Klean[®] BioKlean[™] were tested at various dilutions to determine if a cleaning program implemented to remove orange pallet stains from the split-face CMUs would otherwise alter the appearance of cleaned surfaces. Sure Klean[®] Custom Masonry Cleaner and Sure Klean[®] Burnished Custom Masonry Cleaner were tested at various dilutions to determine if a cleaning program implemented to remove excess mortar and related new construction soiling from the concrete bricks would otherwise alter the appearance of cleaned surfaces. Surface Alteration was evaluated visually based upon perceived discoloration or erosion/etching of the masonry unit.

Aggregate Exposure is the visual examination of the split-face CMUs and concrete bricks comparing aggregate exposure of the untreated control surface to surfaces cleaned with selected product(s) at given dilutions.

Surface Pigment Alteration/Removal* is the visual examination of the split-face CMUs and concrete bricks comparing the surface pigmentation of the untreated control to surfaces cleaned with selected product(s) at given dilutions.

Matrix Erosion is the visual examination comparing the untreated control surface to surfaces cleaned with selected products at given dilutions looking for any potential erosion/digestion of the cementitious matrix of the split-face CMUs and concrete bricks.

Staining is the visual examination for changes that are the result of a chemical reaction that leaves a staining precipitate.

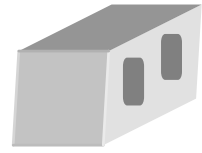
The following is the scale used for reporting results of all categories:

0 – no change	3 – heavy
1 – slight	4 – excessive
2 – moderate	

*** NOTE: When cleaning integrally colored CMU.**



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 4

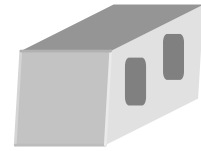
Integrally colored concrete masonry units (CMUs) frequently have high amounts of pigments concentrated on the surface of the cured concrete unit. Variation of surface pigment concentrations from one CMU to the next creates a blotchy appearance in the completed wall. Allowed to remain on the surface of the CMU, the weakly bound pigment will weather and streak, further detracting from the appearance of the completed CMU wall.

In addition to removing excess mortar and construction related soiling, the goal of any cleaning operation undertaken on integrally colored CMU should include removal of unnaturally high concentrations of surface pigment. By revealing the natural through-body color on the integrally colored unit, the overall color uniformity and weathering resistance of the completed CMU wall is improved.

C. Protective Water Repellents - Sure Klean[®] Custom Masonry Sealer and Sure Klean[®] Weather Seal Siloxane WB Concentrate were evaluated for their ability to provide water repellency to the concrete bricks. Water repellents were not evaluated on the submitted split-face CMUs.



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 5

CLEANING PRODUCTS EVALUATED

SAMPLE	Custom Masonry Cleaner	BioKlean™ w/ Activator	Burnished Custom Masonry Cleaner
All Colors of Split-face CMUs	1:2	Cleaner: 0.772 lb/gal	N/A
	1:4	activator: 0.386 lb/gal	
	1:6	afterwash: 0.772 lb/gal	
All Colors of Concrete Bricks	1:2	N/A	1:2
	1:4		
	1:6		

SURFACE ALTERATION PRODUCTS EVALUATED

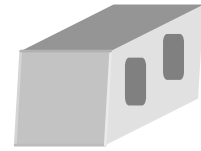
SAMPLE	Custom Masonry Cleaner	BioKlean™ w/ activator	Burnished Custom Masonry Cleaner
All Colors of Split-face CMUs	1:2	Cleaner: 0.772 lb/gal	N/A
	1:4	activator: 0.386 lb/gal	
	1:6	afterwash: 0.772 lb/gal	
All Colors of Concrete Bricks	1:2	N/A	1:2
	1:4		
	1:6		

WATER REPELLENT PRODUCTS EVALUATED

SAMPLE	Product	Dilution
All Colors of Concrete Bricks	Custom Masonry Sealer	Concentrate
	Siloxane WB Concentrate	1:9



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 6

SECTION A – CLEANING INTEGRALLY COLORED CMUs

DESCRIPTION OF PRODUCTS EVALUATED

These cleaning trials were conducted to determine the optimal cleaning/cure time combination.

Sure Klean® Custom Masonry Cleaner – A general purpose, concentrated acidic cleaner for most custom masonry and colored concrete. Removes concrete splashes, excess mortar, mud, heavy efflorescence and surface soiling, leaving the masonry clean and uniform with no acid burning or streaking. Liquid concentrate for dilution with 2-6 parts water. Apply by brush or low-pressure spray.

Enviro Klean® BioKlean™ – Safely removes biological and atmospheric staining from vertical or horizontal masonry surfaces. Cleans difficult mold and mildew staining that blackens limestone, marble, concrete, and other masonry surfaces in humid environments.

Sure Klean® Burnished Custom Masonry Cleaner – A general purpose, nonetching acidic cleaner for custom masonry and colored concrete. Removes rust, mud, oil, atmospheric dirt, and other stains without altering the surface texture. Liquid concentrate for dilution with 2-3 parts water. Apply by brush or low-pressure spray.

TEST METHOD – Cleaning

Dilution ratios refer to mixtures of parts concentrated cleaner : parts fresh water. Chemical cleaners were evaluated using the following procedure:

Procedure: Sure Klean® Custom Masonry and Sure Klean® Burnished Custom Masonry Cleaner

1. Prewet the surface with water.
2. Apply each cleaner at the appropriate dilutions.
3. Allow appropriate exposure time.

Custom Masonry Cleaner	3 minutes
Burnished Custom Masonry Cleaner	5 minutes
4. Reapply the products and moderately agitate with a brush.
5. Pressure rinse thoroughly.*
6. Allow the surface to dry for at least 18 hours and visually examine.

Procedure: Enviro Klean® BioKlean™

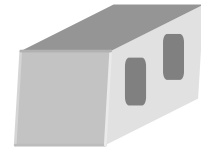
1. Apply to dry surface.
2. Apply with the activator.
3. Allow appropriate exposure time.

w/activator	20 minutes
-------------------	------------
4. Reapply the products and moderately agitate with a brush.
5. Pressure rinse thoroughly.*
6. Apply afterwash and leave on surface for 5 minutes.
7. Pressure rinse thoroughly.*
8. Allow the surface to dry for at least 18 hours and visually examine.

* Pressure rinsing was conducted at approximately 1300 psi with a warm water flow rate of 1.9 gallons per minute.



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

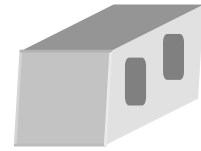
Page 7

TEST RESULTS – Cleaning

Sample	Cleaner	Dilution	Effectiveness
"Gray" Split-face CMU	Custom Masonry Cleaner	1:2	98%
		1:4	98%
		1:6	98%
	BioKlean™	1 measure /1 gal	100%
"White" Split-face CMU	Custom Masonry Cleaner	1:2	90%
		1:4	90%
		1:6	90%
	BioKlean™	1 measure/1 gal	100%
"Buff" Split-face CMU	Custom Masonry Cleaner	1:2	100%
		1:4	100%
		1:6	100%
	BioKlean™	1 measure/1 gal	100%



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

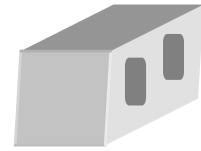
Page 8

TEST RESULTS Continued – Cleaning

Sample	Cleaner	Dilution	Cure	Effectiveness				
All Colors of Concrete Bricks	Custom Masonry Cleaner	1:2	3 day	100%				
		1:4		99%				
		1:6		99%				
		All Colors of Concrete Bricks	Custom Masonry Cleaner	1:2	7 day	100%		
				1:4		99%		
				1:6		99%		
				All Colors of Concrete Bricks	Custom Masonry Cleaner	1:2	14 day	100%
						1:4		99%
						1:6		99%
All Colors of Concrete Bricks	Burnished Custom Masonry Cleaner					1:2	3 day	98%
						1:2	7 day	98%
						1:2	14 day	98%



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 9

CONCLUSIONS - Cleaning:

Based on the test data, all of the submitted split-face CMUs and concrete bricks were effectively cleaned with each dilution of the selected PROSOCO Inc.'s cleaning products. Enviro Klean[®] BioKlean[™] with activator was the most effective at removing the orange pallet stains from the split-face CMUs. For the concrete bricks use higher concentrations of Sure Klean[®] Custom Masonry Cleaner and more surface agitation to maximize aggregate exposure. Use low concentrations of Sure Klean[®] Burnished Custom Masonry Cleaner and less surface agitation to minimize aggregate exposure.

RECOMMENDED PRODUCTS AND DILUTIONS - CLEANING:

Based on these evaluations, all of the dilutions of Sure Klean[®] Custom Masonry Cleaner and Enviro Klean[®] BioKlean[™] with activator tested can be recommended for job site testing for removal of orange pallet stains on the split-face CMUs. All of the dilutions of Sure Klean[®] Custom Masonry Cleaner and Sure Klean[®] Burnished Custom Masonry Cleaner tested can be recommended for job site testing on the concrete bricks submitted by Allied Ready Mix, Lawrenceville, GA. They all are effective in removing excess mortar, and they all assist in improving the color and uniformity of these concrete bricks. The most appropriate cleaner and dilution should be determined on the specific job-site, and will be dependent primarily on the nature and severity of soiling present at that location.

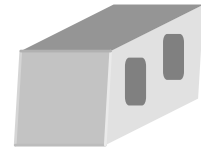
Note: To remove pallet stains or excess mortar while minimizing aggregate exposure and color enhancement, clean within 7 days of completion using the highest possible dilution of the recommended cleaner.

Sample	Product	Dilution
All Split-face CMUs w/ Pallet Stains	Enviro Klean [®] BioKlean [™] *	Cleaner: .772 lb/gal
		activator: .386 lb/gal
		afterwash: .772 lb/gal
All Concrete Bricks	Sure Klean [®] Burnished Custom Masonry Cleaner	1:2
	Sure Klean [®] Custom Masonry Cleaner	1:6

* Refer to application instructions for BioKlean[™] in the Product Guide.



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 10

SECTION B – Surface Alterations:

DESCRIPTION OF PRODUCTS EVALUATED – Surface Alterations:

Sure Klean® Custom Masonry Cleaner – A general purpose, concentrated acidic cleaner for most custom masonry and colored concrete. Removes concrete splashes, excess mortar, mud, heavy efflorescence and surface soiling, leaving the masonry clean and uniform with no acid burning or streaking. Liquid concentrate for dilution with 2-6 parts water. Apply by brush or low-pressure spray.

Enviro Klean® BioKlean™ – Safely removes biological and atmospheric staining from vertical or horizontal masonry surfaces. Cleans difficult mold and mildew staining that blackens limestone, marble, concrete, and other masonry surfaces in humid environments.

Sure Klean® Burnished Custom Masonry Cleaner – A general purpose, nonetching acidic cleaner for custom masonry and colored concrete. Removes rust, mud, oil, atmospheric dirt, and other stains without altering the surface texture. Liquid concentrate for dilution with 2-3 parts water. Apply by brush or low-pressure spray.

TEST METHOD – Surface Alteration Testing:

Dilution ratios refer to mixtures of parts concentrated cleaner : parts fresh water. Chemical cleaners were evaluated using the following procedure:

Procedure: Sure Klean® Custom Masonry and Sure Klean® Burnished Custom Masonry Cleaner

1. Prewet the surface with water.
2. Apply each cleaner at the appropriate dilutions.
3. Allow appropriate exposure time.

Custom Masonry Cleaner	3 minutes
Burnished Custom Masonry Cleaner	5 minutes
4. Reapply the products and moderately agitate with a brush.
5. Pressure rinse thoroughly.*
6. Allow the surface to dry for at least 18 hours and visually examine.

Procedure: Enviro Klean® BioKlean™

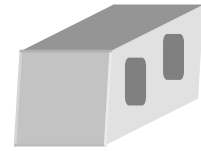
1. Apply to dry surface.
2. Apply with the activator.
3. Allow appropriate exposure time.

w/activator	20 minutes
-------------------	------------
4. Reapply the products and moderately agitate with a brush.
5. Pressure rinse thoroughly.*
6. Apply afterwash and leave on surface for 5 minutes.
7. Pressure rinse thoroughly.*
8. Allow the surface to dry for at least 18 hours and visually examine.

* Pressure rinsing was conducted at approximately 1300 psi with a warm water flow rate of 1.9 gallons per minute.



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 11

Surface Alteration Results:

Substrate: Split-face CMU		Pigment Color: "Gray"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	1	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
BioKlean™ w/activator	1 measure/1 gal	0	0	0	0
Substrate: Split-face CMU		Pigment Color: "White"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	2	1	2	0
Custom Masonry Cleaner	1:4	1	1	1	0
Custom Masonry Cleaner	1:6	1	1	1	0
BioKlean™ w/activator	1 measure/1 gal	0	0	0	0
Substrate: Split-face CMU		Pigment Color: "Buff"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	2	1	2	0
Custom Masonry Cleaner	1:4	1	1	1	0
Custom Masonry Cleaner	1:6	1	1	1	0
BioKlean™ w/activator	1 measure/1 gal	0	0	0	0

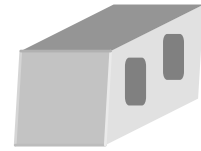
Scale used for reporting results of all categories

0 – no change
1 – slight
2 – moderate

3 – heavy
4 – excessive



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 12

Surface Alteration Results Continued:

Substrate: Concrete Brick		Pigment Color: "Redwood Blend"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0
Substrate: Concrete Brick		Pigment Color: "Depot Red"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0
Substrate: Concrete Brick		Pigment Color: "Rustic Red"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0
Substrate: Concrete Brick		Pigment Color: "Plantation Red"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0

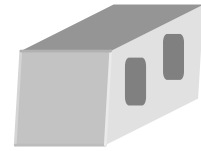
Scale used for reporting results of all categories

0 – no change
1 – slight
2 – moderate

3 – heavy
4 – excessive



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 13

Surface Alteration Results Continued:

Substrate: Concrete Brick		Pigment Color: "Georgetown Blend"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0
Substrate: Concrete Brick		Pigment Color: "Smokey Mountain Brown"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0
Substrate: Concrete Brick		Pigment Color: "Autumn Harvest"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	Matrix Erosion	Staining
Custom Masonry Cleaner	1:2	3	2	3	0
Custom Masonry Cleaner	1:4	2	2	2	0
Custom Masonry Cleaner	1:6	1	1	1	0
Burnished Custom Masonry Clnr	1:2	1	1	1	0

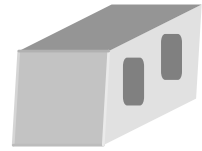
Scale used for reporting results of all categories

0 – no change
1 – slight
2 – moderate

3 – heavy
4 – excessive



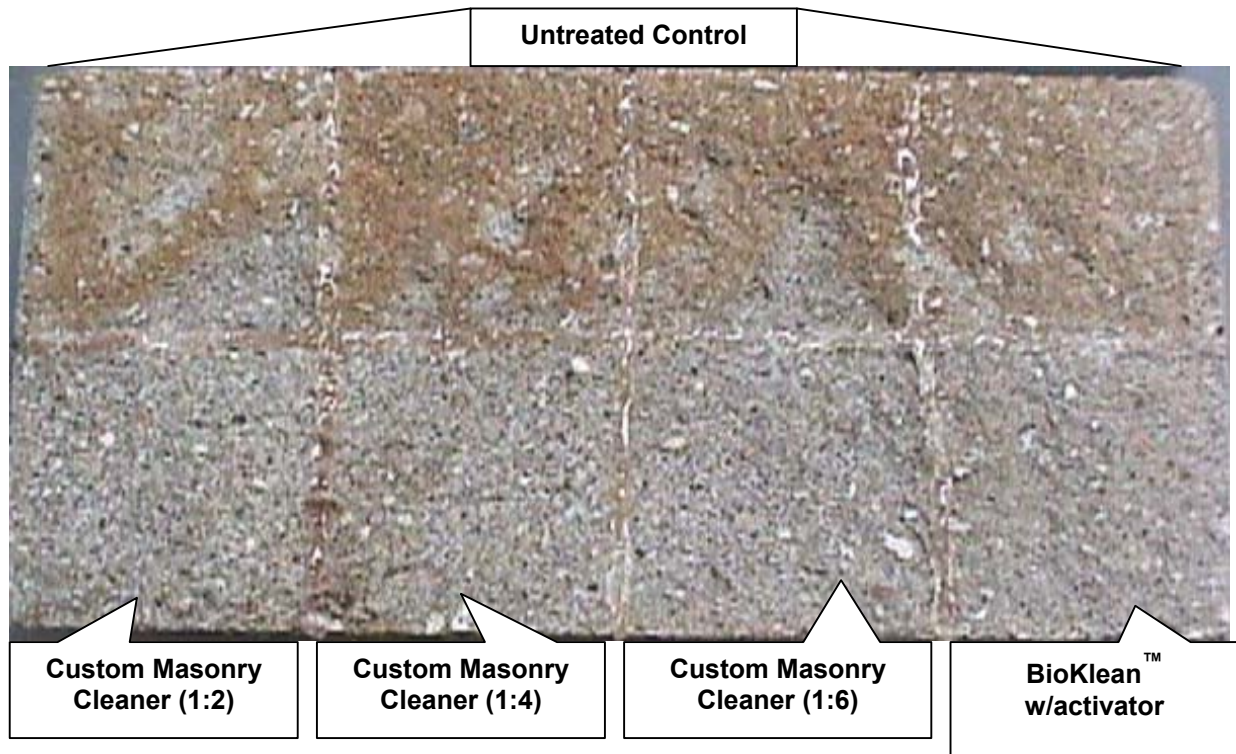
BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

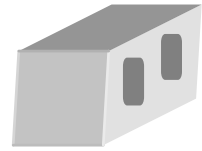
Page 14

Photos of "Gray" split-face CMU with pallet stains after cleaning:





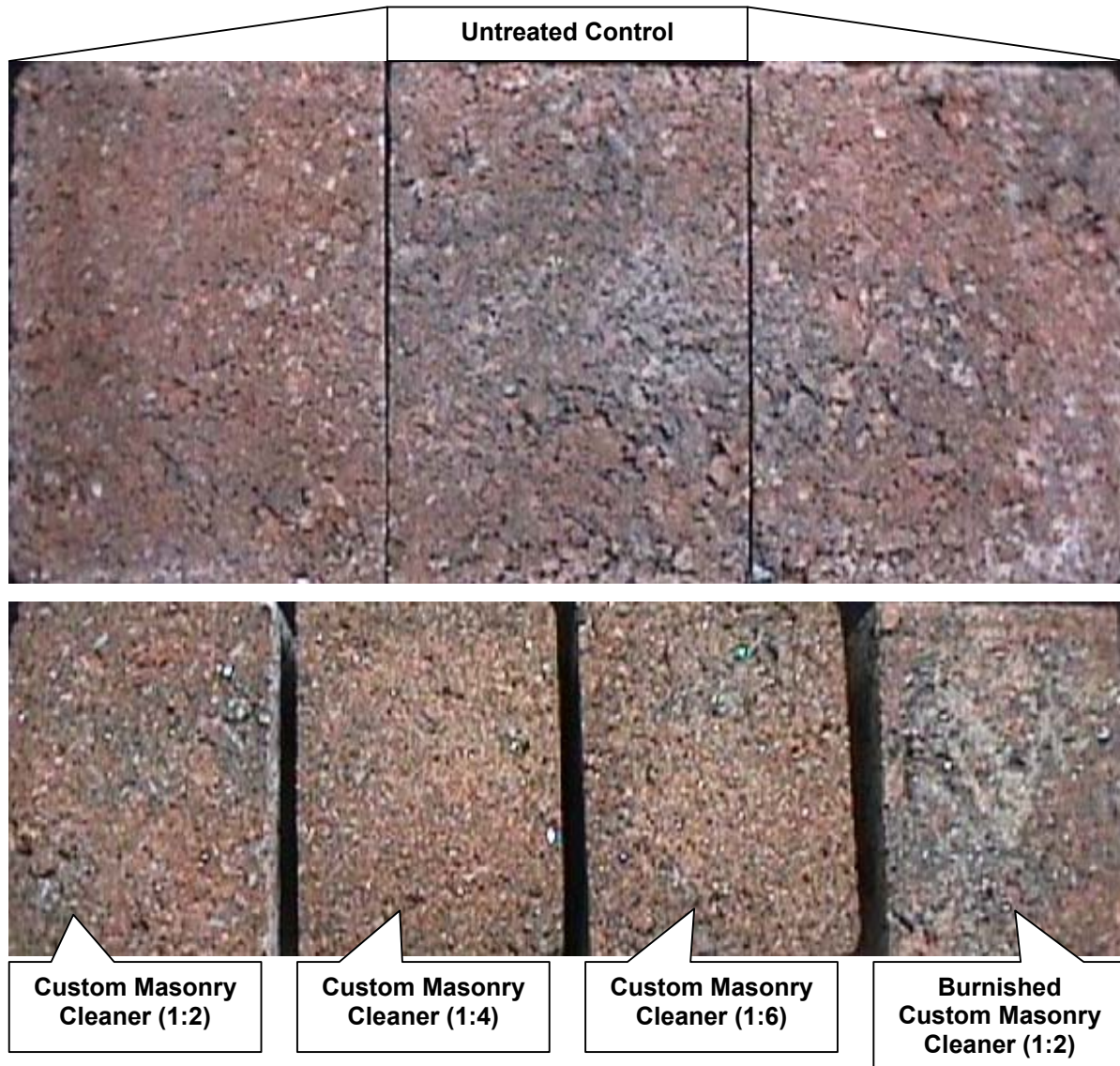
BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

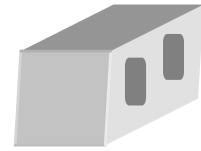
Page 15

Photos of "Redwood Blend" concrete brick before and after cleaning:





BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 16

CONCLUSIONS – Surface Alterations:

All dilutions of Sure Klean[®] Custom Masonry Cleaner tested affected the split-face CMUs and concrete bricks in a similar manner, removing heavy concentrations of pigmented matrix, exposing small and large aggregate, and enhancing the natural appearance of the integrally colored concrete masonry unit.

All dilutions of Sure Klean[®] Burnished Custom Masonry Cleaner tested affected the concrete bricks in a similar manner, limiting the removal of surface finish, limiting the exposure of small and large aggregate, and enhancing the natural appearance of the integrally colored concrete masonry unit.

Enviro Klean[®] BioKlean[™] with activator did not cause any visible surface alterations on the surface of the split-face CMUs.

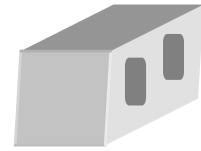
RECOMMENDATIONS – Surface Alterations:

Based on evaluations, Sure Klean[®] Custom Masonry Cleaner at all dilutions and Enviro Klean[®] BioKlean[™] with activator are recommended for job site testing on all types of the submitted split-face CMUs. Sure Klean[®] Custom Masonry Cleaner and Sure Klean[®] Burnished Custom Masonry Cleaner in all dilutions tested are recommended for job site testing on all types of the submitted concrete bricks from Allied Ready Mix, Lawrenceville, GA.

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate cleaning product and procedures for a particular project. See product literature for additional application and product information.



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 17

SECTION C - PROTECTIVE WATER REPELLENTS:

The testing described below evaluates the suitability of water repellent treatments.

The surface treatments evaluated were selected for their suitability for application based on the following selection criteria:

1. Weatherproofing properties
2. Color change
3. Ease of application

DESCRIPTIONS OF PRODUCTS EVALUATED - Protective Water Repellents:

Sure Klean® Custom Masonry Sealer - A clear, solvent-based silicone elastomer formulated to weatherproof custom masonry units, cast stone, and concrete block without altering the natural appearance. Custom Masonry Sealer penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering as well as long-lasting protection against many types of graffiti.

Sure Klean® Weather Seal Siloxane WB Concentrate – A self-emulsifying water-repellent concentrate designed for dilution with fresh water at the jobsite. This solvent-free blend of silanes and oligomeric alkoxy siloxanes mixes easily with water to produce a penetrating water-repellent ideal for application to dense or porous masonry surfaces.

SAMPLE PREPARATION - Protective Water Repellents:

The submitted blocks were scored, allowed to dry, and to reabsorb atmospheric humidity for 24 hours prior to treatment. The treatment method consisted of a wet-on-wet brush application. All treatments were allowed to cure at least 72 hours prior to testing.

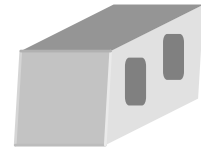
TEST METHODS - Protective Water Repellents:

Water Absorption Tube Test: RILEM II.4, 60 mph, 20 Minutes

The water absorption tube test simulating wind driven rain conditions was performed. This test simulates 60 mile per hour wind driven rain conditions for a period of 20 minutes.



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 18

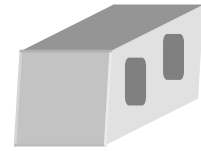
TEST RESULTS - Protective Water Repellents:

Water Absorption Tube Test: RILEM II.4, 60 mph, 20 Minutes

	RESULTS
“Redwood Blend”	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Siloxane WB (1:9)	60 mph
“Depot Red”	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Siloxane WB (1:9)	60 mph
“Rustic Red”	
Untreated Control	<40 mph
Custom Masonry Sealer	<40 mph
Siloxane WB (1:9)	55 mph
“Plantation Red”	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Siloxane WB (1:9)	53 mph
“Georgetown Blend”	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Siloxane WB (1:9)	60 mph
“Smokey Mountain Brown”	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Siloxane WB (1:9)	60 mph
“Autumn Harvest”	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Siloxane WB (1:9)	60 mph



BLOCK PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 19

CONCLUSIONS - Protective Water Repellents:

Based upon laboratory evaluations, Sure Klean[®] Weather Seal Siloxane WB Concentrate diluted with 9 parts fresh water was able to provide adequate water repellency when applied to the various styles of submitted concrete bricks. Sure Klean[®] Custom Masonry Sealer was able to provide adequate water repellency for all of the concrete bricks except for style "Rustic Red". Neither treatment had any enhancing effect on the brick colors.

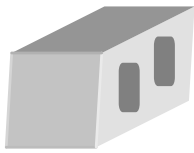
RECOMMENDATIONS - Protective Water Repellents:

Based on evaluations, Sure Klean[®] Weather Seal Siloxane WB Concentrate at a 1:9 dilution can be recommended for jobsite testing on all of the submitted concrete brick, Sure Klean[®] Custom Masonry Sealer can be recommended for jobsite testing on all types except for "Rustic Red".

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate water-repellent product and procedures for a particular project. See product literature for additional application and product information.

Jason L. Anderson
Materials Testing Technician

JLA/csm



Laboratory Report

Block Program Evaluation

**Allied Ready Mix
Lawrenceville, GA**

Project No. 0102-10 BP

Prepared For:

**Allied Ready Mix
300 Pike Blvd
Lawrenceville, GA**

Prepared By:



***PROSOCO, Inc.
May 2001***