



# PALLET TAG PROGRAM LABORATORY REPORT



## TABLE OF CONTENTS

SAMPLES SUBMITTED ..... 2

PURPOSE OF TEST ..... 3

PRODUCTS EVALUATED..... 4

### SECTION A – NEW CONSTRUCTION/MAINTENANCE CLEANING

DESCRIPTION OF PRODUCTS EVALUATED..... 5

TEST METHOD..... 5

TEST RESULTS .....6-7

CONCLUSIONS ..... 8

RECOMMENDATIONS ..... 9

### SECTION B – LIMITING SURFACE ALTERATIONS

DESCRIPTION OF PRODUCTS EVALUATED.....10

TEST METHOD.....10

TEST RESULTS ..... 10-11

CONCLUSIONS .....12

RECOMMENDATIONS .....12

### SECTION C - PROTECTIVE WATER REPELLENTS

DESCRIPTION OF PRODUCTS EVALUATED.....13

TEST METHODS.....14

TEST RESULTS ..... 15-16

CONCLUSIONS .....16

RECOMMENDATIONS .....17

### SECTION D – STAIN RESISTANCE

DESCRIPTION OF PRODUCTS EVALUATED..... 17-18

TEST METHOD..... 19-20

TEST RESULTS ..... 20-39

PHOTOGRAPHS OF STAIN REPELLENCY ..... 40-41

CONCLUSIONS .....41

RECOMMENDATIONS ..... 42-43

### ATTACHMENTS

- Technical Services TECH Note RILEM Test Procedures
- Product Data literature for all products evaluated



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 2

**FOR:** Roberto Contreras, Sr.  
**cc:** Fran Gale  
John Bourne  
Kevin Gwinn  
Stephen Dean

**SUBJECT:** CompacStone USA, Inc.

**DATE:** October 21, 2002

**PROJECT:** 0208-34 PTP

**SAMPLES SUBMITTED:** (8) different types of CompacMarble<sup>®</sup> tile

Sample	Color	Size
"DAKAR"	Buff	12" x 12" x 1/2"
"MARFIL ALBERO"	Cream/Pink	
"AZUL TURQUEZA"	Blue/Aqua	
"PERLA CLARO"	Grey	
"NEGRO DIAMANTE"	Black	
"PERLATO"	Tan	
"BLANCO MICRO"	White	
"PERLA STONE"	Tan	

Submitted by: Roberto Contreras, Sr.  
CompacStone, USA, Inc.



# PALLET TAG PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 3

## PURPOSE OF TESTING:

Eight samples of CompacMarble<sup>®</sup> tile were submitted to PROSOCO, Inc.'s Testing Laboratory for an evaluation of suitable cleaning products and protective treatments.

**A. New Construction and Maintenance Cleaning** – Enviro Klean<sup>®</sup> 2010 All Surface Cleaner and Stand Off<sup>®</sup> Rinseless Cleaner were evaluated for removal of laboratory applied mortar and grout and to determine the most appropriate maintenance cleaner.

To simulate new construction soiling, all samples 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 sample and filled with a wet mixture of either Ash Grove<sup>®</sup> Type N cementitious mortar or Laticrete Tri-Poly Fortified Unsanded Grout. The wet, mortar or grout-filled cylinder is allowed to remain in contact with the CompacMarble<sup>®</sup> tile for 10 minutes before removal.

Heavy deposits of mortar/grout are removed with dry scraping after 24 hours. Prepared cleaning solutions are then evaluated for their effectiveness in removing residual mortar/grout staining after 7 days of curing.

**B. Limiting Surface Alteration Testing** - Enviro Klean<sup>®</sup> 2010 All Surface Cleaner and Stand Off<sup>®</sup> Rinseless Cleaner were tested to determine if a cleaning program implemented to remove excess mortar and related new construction soiling would alter the appearance of cleaned surfaces. Surface Alterations were evaluated visually based upon perceived discoloration or erosion/etching of the masonry unit. The following criteria were used:

Surface Finish Removal - the visual examination of the CompacMarble<sup>®</sup> comparing the surface finish of the untreated control surface to the surface finish cleaned with selected product(s).

Substrate Deterioration - the visual examination of the CompacMarble<sup>®</sup> comparing the surface of the untreated control to surfaces cleaned with selected product(s) looking for any potential erosion/digestion of the cultured marble.

Color Change - the visual examination comparing the color of the untreated control surface to color of surfaces cleaned with selected product(s).

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

**C. Water Repellent Evaluation** –Stand Off<sup>®</sup> Stone, Tile & Masonry Protector, Stand Off<sup>®</sup> Stain Barrier, Stand Off<sup>®</sup> SLX 100 Water & Oil Repellent, and Stand Off<sup>®</sup> Limestone & Marble Protector were evaluated for their ability to provide water repellency to the submitted samples.

**D. Stain Resistance** – Stand Off<sup>®</sup> Stone, Tile & Masonry Protector, Stand Off<sup>®</sup> Stain Barrier, Stand Off<sup>®</sup> Gloss N' Guard WB, Stand Off<sup>®</sup> SLX 100 Water & Oil Repellent, and Stand Off<sup>®</sup> Limestone & Marble Protector were evaluated for their ability to resist staining agents applied to the submitted samples. Enviro Klean<sup>®</sup> 2010 All Surface Cleaner diluted with 10 parts fresh water was evaluated for its ability to remove the staining agents from the treated samples.



# PALLET TAG PROGRAM LABORATORY REPORT



## CLEANING AND LIMITING SURFACE ALTERATIONS PRODUCTS EVALUATED

Sample	Product	Dilution
All submitted CompacMarble® tiles	Enviro Klean® 2010 All Surface Cleaner	Concentrate
	Stand Off® Rinseless Cleaner	Concentrate

## WATER REPELLENT PRODUCTS EVALUATED

Sample	Product	Dilution
All submitted CompacMarble® tiles	Stand Off® Stone, Tile & Masonry Protector	Concentrate
	Stand Off® Stain Barrier	
	Stand Off® SLX100 Water & Oil Repellent	
	Stand Off® Limestone & Marble Protector	

## STAIN REPELLENT PRODUCTS EVALUATED

Sample	Product	Dilution
All submitted CompacMarble® tiles	Stand Off® Stone, Tile & Masonry Protector	Concentrate
	Stand Off® Stain Barrier	
	Stand Off® Gloss N' Guard WB	
	Stand Off® SLX100 Water & Oil Repellent	
	Stand Off® Limestone & Marble Protector	



# PALLET TAG PROGRAM LABORATORY REPORT



## SECTION A –CLEANING

### **DESCRIPTION OF PRODUCTS EVALUATED – New Construction Cleaning**

The new construction cleaning trials were conducted to determine the optimal cleaning/cure time combination to most efficiently remove Ash Grove<sup>®</sup> Type N mortar and Laticrete Tri-Poly Fortified Unsanded Grout from the submitted CompacMarble<sup>®</sup> samples.

Ash Grove<sup>®</sup> Type N cementitious mortar and Laticrete Tri-Poly Fortified Unsanded Grout were prepared in compliance with the manufacturers' instructions, applied to the CompacMarble<sup>®</sup> surface and allowed to cure for 7 days prior to cleaning. The removal of gray Ash Grove<sup>®</sup> Type N cementitious masonry cement mortar and Laticrete Tri-Poly Fortified Unsanded Grout 7 days of curing was visually evaluated.

**Enviro Klean<sup>®</sup> 2010 All Surface Cleaner** – An effective, safe alternative to acidic compounds for cleaning stone, tile, and masonry surfaces. 2010 All Surface Cleaner is concentrated for tough industrial cleaning jobs yet is water-rinsable and contains no harsh acids, caustics, or solvents. Can be used in concentrate or diluted with up to 10 parts water. Apply by brush or low-pressure spray.

**Stand Off<sup>®</sup> Rinseless Cleaner** - A concentrated neutral cleaner for general cleaning of masonry, ceramic tile, grout, natural stone, and many other hard surfaces. Can also be used for maintaining surfaces protected with Stand Off<sup>®</sup> protective treatments. Ideal for interior or exterior applications for removing stains and soiling. Apply by brush or low-pressure spray.

### **TEST METHOD – New Construction Cleaning (Removal of Mortar/Grout)**

Chemical cleaners were evaluated using the following procedure:

1. Prewet the surface with water.
2. Apply the cleaner.
3. Allow the appropriate dwell time, as specified.
 

2010 All Surface Cleaner.....	3 minutes
Rinseless Cleaner .....	3 minutes
4. Rinse thoroughly.



# PALLET TAG PROGRAM LABORATORY REPORT



**Test Results - New Construction Cleaning (Mortar/Grout Soiling)**

**% Removal**

**“DAKAR”**

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean® All Surface Cleaner	100%	100%
Stand Off® Rinseless Cleaner	100%	100%

**“MARFIL ALBERO”**

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean® All Surface Cleaner	100%	100%
Stand Off® Rinseless Cleaner	100%	100%

**“AZUL TURQUEZA”**

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean® All Surface Cleaner	100%	100%
Stand Off® Rinseless Cleaner	100%	100%

**“PERLA CLARO”**

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean® All Surface Cleaner	100%	100%
Stand Off® Rinseless Cleaner	100%	100%

**“NEGRO DIAMANTE”**

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean® All Surface Cleaner	100%	100%
Stand Off® Rinseless Cleaner	100%	100%

**“PERLATO”**

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean® All Surface Cleaner	100%	100%
Stand Off® Rinseless Cleaner	100%	100%



# PALLET TAG PROGRAM LABORATORY REPORT



## Test Results - New Construction Cleaning (Mortar/Grout Soiling) (Cont.)

### “BLANCO MICRO”

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean <sup>®</sup> All Surface Cleaner	100%	100%
Stand Off <sup>®</sup> Rinseless Cleaner	100%	100%

### “PERLA STONE”

<b>PRODUCT</b>	<b><u>Type “N” Mortar</u></b>	<b><u>Grout</u></b>
Enviro Klean <sup>®</sup> All Surface Cleaner	100%	100%
Stand Off <sup>®</sup> Rinseless Cleaner	100%	100%

## PHOTOGRAPHS – Cleaning

### “Azul Turqueza”





---

**PHOTOGRAPHS – Cleaning**

**“Marfil Albero”**



**CONCLUSIONS - Cleaning:**

Both cleaners performed well in removing the mortar and grout soils even after allowing the mortar/grout to remain on the surface of the CompacMarble<sup>®</sup> for 7 days under ideal curing conditions.

To facilitate easier removal of excess mortar or grout while minimizing any potential surface alterations, clean within 7 days of construction.





# PALLET TAG PROGRAM LABORATORY REPORT



## RECOMMENDED PRODUCTS AND DILUTIONS – CLEANING

Recommendations for cleaning for each type of CompacMarble<sup>®</sup> tile submitted by CompacStone USA, Inc., Stillwater, MN are provided in the chart below. Recommendations are based on the optimum dilution for complete removal of mortar or grout.

The products and dilutions recommended below can also be recommended for maintenance cleaning.

Type	Color	New Construction Cleaning (Type N mortar or Laticrete Grout, 7 day)
CompacMarble <sup>®</sup>	“DAKAR”	Enviro Klean <sup>®</sup> 2010 All Surface Cleaner (concentrate) OR Stand Off <sup>®</sup> Rinseless Cleaner (concentrate)
	“MARFIL ALBERO”	
	“AZUL TURQUESA”	
	“PERLA CLARO”	
	“NEGRO DIAMANTE”	
	“PERLATO”	
	“BLANCO MICRO”	
	“PERLA STONE”	

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.

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.



# PALLET TAG PROGRAM LABORATORY REPORT



### SECTION B – Limiting Surface Alterations:

#### DESCRIPTION OF PRODUCTS EVALUATED – Surface Alterations:

**Enviro Klean® 2010 All Surface Cleaner** – An effective, safe alternative to acidic compounds for cleaning stone, tile, and masonry surfaces. 2010 All Surface Cleaner is concentrated for tough industrial cleaning jobs yet is water-rinsable and contains no harsh acids, caustics, or solvents. Can be used in concentrate or diluted with up to 10 parts water. Apply by brush or low-pressure spray.

**Stand Off® Rinseless Cleaner** - A concentrated neutral cleaner for general cleaning of masonry, ceramic tile, grout, natural stone, and many other hard surfaces. Can also be used for maintaining surfaces protected with Stand Off® protective treatments. Ideal for interior or exterior applications for removing stains and soiling. Apply by brush or low-pressure spray.

#### TEST METHOD – Limiting Surface Alteration Testing:

Chemical cleaners were evaluated using the following procedure:

1. Wet the surface with water.
2. Apply the cleaner.
3. Allow the appropriate dwell time, as specified:
  - 2010 All Surface Cleaner..... 3 minutes
  - Rinseless Cleaner ..... 3 minutes
4. Rinse thoroughly.

#### Limiting Surface Alteration Results:

Substrate: CompacMarble®		Color: "DAKAR"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0
Substrate: CompacMarble®		Color: "MARFIL ALBERO"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0

Scale used for reporting results of all categories	
0 – no change	3 – heavy
1 – slight	4 – excessive
2 – moderate	



# PALLET TAG PROGRAM LABORATORY REPORT



**Limiting Surface Alteration Results (cont.):**

<b>Substrate:</b> CompacMarble®		<b>Color:</b> "AZUL TURQUEZA"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0
<b>Substrate:</b> CompacMarble®		<b>Color:</b> "PERLA CLARO"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0
<b>Substrate:</b> CompacMarble®		<b>Color:</b> "NEGRO DIAMANTE"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0
<b>Substrate:</b> CompacMarble®		<b>Color:</b> "PERLATO"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0
<b>Substrate:</b> CompacMarble®		<b>Color:</b> "BLANCO MICRO"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0
<b>Substrate:</b> CompacMarble®		<b>Color:</b> "PERLA STONE"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Enviro Klean® 2010 All Surface Cleaner	Concentrate	0	0	0	0
Stand Off® Rinseless Cleaner	Concentrate	0	0	0	0

Scale used for reporting results of all categories	
0 – no change	3 – heavy
1 – slight	4 – excessive
2 – moderate	



# PALLET TAG PROGRAM LABORATORY REPORT



### CONCLUSIONS – Surface Alterations

Test results show that neither Enviro Klean<sup>®</sup> 2010 All Surface Cleaner nor Stand Off<sup>®</sup> Rinseless Cleaner caused any type of surface alterations on the submitted CompacMarble<sup>®</sup> samples.

### RECOMMENDED PRODUCTS AND DILUTIONS – LIMITING SURFACE ALTERATIONS

Recommendations for limiting surface alterations for each type of CompacMarble<sup>®</sup> tile submitted by CompacStone USA, Inc., Stillwater, MN, are provided in the chart below. Recommendations are based on the optimum dilution for removal of mortar and grout while limiting surface alterations.

Type	Color	Limiting Surface Alterations
CompacMarble <sup>®</sup>	“DAKAR”	Enviro Klean <sup>®</sup> 2010 All Surface Cleaner (concentrate) OR Stand Off <sup>®</sup> Rinseless Cleaner (concentrate)
	“MARFIL ALBERO”	
	“AZUL TURQUESA”	
	“PERLA CLARO”	
	“NEGRO DIAMANTE”	
	“PERLATO”	
	“BLANCO MICRO”	
	“PERLA STONE”	

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.

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.



---

---

**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. Water repellent properties
2. Color change
3. Ease of application

---

---

**DESCRIPTIONS OF PRODUCTS EVALUATED - Protective Water Repellents:**

**Stand Off® Stone, Tile & Masonry Protector** – A penetrating oil and stain repellent. Easy-to-use. Low-VOC, low-odor protective treatment improves the stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces.

**Stand Off® Stain Barrier** - A penetrating oil and stain repellent. Easy-to-use. Low-VOC, low-odor protective treatment improves the stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces.

**Stand Off® SLX 100 Water & Oil Repellent** - A modified, “heat” silane system that offers invisible protection and low volatility. SLX 100 protects concrete and masonry surfaces against water and waterborne contaminants. In addition to water repellency SLX 100 offers stain resistance and chloride screen.

**Stand Off® Limestone & Marble Protector** – A penetrating oil and stain repellent for use on interior and exterior calcareous surfaces such as limestone, marble, and travertine. Penetrates deeply to provide surface and subsurface protection without forming a glossy film. Retains substrates natural color, texture, and appearance.

---

---

**SAMPLE PREPARATION - Protective Water Repellents:**

The submitted CompacMarble® tiles were allowed to absorb atmospheric humidity for 24 hours prior to treatment. The treatment method consisted of a wet-on-wet application. All treatments were allowed to cure for at least 3 days prior to testing.



# PALLET TAG PROGRAM LABORATORY REPORT



---

---

## TEST METHODS - Protective Water Repellents:

### Water Absorption Tube Test: RILEM II.4, 5.0 milliliters, 20 minutes

The water absorption tube test simulating wind driven and wind blown rain conditions was also performed. Tests were run with 5.0-milliliter head pressures. Filled to 5 milliliters, a water absorption tube produces a 98 mph dynamic wind pressure. See RILEM II.4 Tech Note for additional information.

The ranking system used to evaluate the effectiveness of the products applied to each submitted sample is as follows:

**AA** = "Above Average" correlates to less than or equal to 20% of the maximum untreated absorption.

**A** = "Average" correlates to less than or equal to 50% of the maximum untreated absorption.

**BA** = "Below Average" correlates to greater than 50% of the maximum untreated absorption.

EXAMPLE: If RILEM tubes applied to an untreated sample result in loss of 5 ml of water or more, then:

A rating of **AA** *Above Average* water repellent performance would require loss of no more than  $5 \text{ ml} \times 20\% = 1 \text{ ml}$ .

A rating of **A** *Average* water repellent performance would require loss of no more than  $5 \text{ ml} \times 50\% = 2.5 \text{ ml}$ .

A rating of **BA** *Below Average* water repellent performance would be reported for treatments which result in a loss of more than  $50\% \times 5 \text{ ml} = 2.5 \text{ ml}+$



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 15

**TEST RESULTS - Protective Water Repellents:**

**Water Absorption Tube Test: RILEM II.4, 5.0 milliliters, 20 Minutes**

**AA = Above Average**

**AA = Average**

**BA = Below Average**

“DAKAR”	Results	Ranking
Untreated Control	0.10	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>
“MARFIL ALBERO”	Results	Ranking
Untreated Control	0.30	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>
“AZUL TURQUEZA”	Results	Ranking
Untreated Control	0.00	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>
“PERLA CLARO”	Results	Ranking
Untreated Control	0.30	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>
“NEGRO DIAMANTE”	Results	Ranking
Untreated Control	2.20	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS - Protective Water Repellents (cont.):**

**Water Absorption Tube Test: RILEM II.4, 5.0 milliliters, 20 Minutes**

**AA = Above Average**

**AA = Average**

**BA = Below Average**

“PERLATO”	Results	Ranking
Untreated Control	0.10	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>
“BLANCO MICRO”	Results	Ranking
Untreated Control	0.10	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>
“PERLA STONE”	Results	Ranking
Untreated Control	0.10	---
Stone, Tile, & Masonry Protector	0.00	<u>AA</u>
Stain Barrier	0.00	<u>AA</u>
SLX 100	0.00	<u>AA</u>
Limestone & Marble Protector	0.00	<u>AA</u>

**CONCLUSIONS - Protective Water Repellents:**

Based upon laboratory evaluations, Stand Off® Stone, Tile & Masonry Protector, Stand Off® Stain Barrier, Stand Off® SLX 100 Water & Oil Repellent, and Stand Off® Limestone & Marble Protector provided above average water repellency protection to the submitted CompacMarble®.





# PALLET TAG PROGRAM LABORATORY REPORT



## RECOMMENDATIONS - PROTECTIVE WATER REPELLENTS:

Recommendations for water repellency treatment for each type of CompacMarble<sup>®</sup> tiles submitted by CompacStone USA, Inc., Stillwater, MN, are provided in the chart below. Recommendations are based on the treatment that proved most effective and can provide water repellency on all types submitted.

Type	Water Repellents
All (8) Types of Submitted CompacMarble <sup>®</sup>	Stand Off <sup>®</sup> Stone, Tile & Masonry Protector
	Stand Off <sup>®</sup> Stain Barrier
	Stand Off <sup>®</sup> SLX 100 Water & Oil Repellent
	Stand Off <sup>®</sup> Limestone & Marble Protector

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.



# PALLET TAG PROGRAM LABORATORY REPORT



## SECTION D – STAIN RESISTANCE

### **DESCRIPTION OF PRODUCTS EVALUATED**

These trials were conducted to determine the effectiveness of treatments in preventing food, oil, and miscellaneous staining on the submitted samples.

### **Products Evaluated for Stain Protection:**

**Stand Off® Stone, Tile & Masonry Protector** – A penetrating oil and stain repellent. Easy-to-use. Low-VOC, low-odor protective treatment improves the stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces.

**Stand Off® Stain Barrier** - A penetrating oil and stain repellent. Easy-to-use. Low-VOC, low-odor protective treatment improves the stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces.

**Stand Off® Gloss ‘N Guard WB** – A highly durable polyurethane protective coating for tile, pavers, terrazzo and other polished and unpolished masonry. Gloss ‘N Guard WB dries to a high-gloss finish which enhances the natural beauty of treated surfaces – both horizontal and vertical.

**Stand Off® SLX 100 Water & Oil Repellent** - A modified, “neat” silane system that offers invisible protection and low volatility. SLX 100 protects concrete and masonry surfaces against water and waterborne contaminants. In addition to water repellency SLX 100 offers stain resistance and chloride screen.

**Stand Off® Limestone & Marble Protector** – A penetrating oil and stain repellent for use on interior and exterior calcareous surfaces such as limestone, marble, and travertine. Penetrates deeply to provide surface and subsurface protection without forming a glossy film. Retains substrates natural color, texture, and appearance.

### **Kitchen Products Evaluated:**

Coca Cola  
Ketchup  
Mustard  
Red wine  
Balsamic Vinegar  
Soy Sauce  
Olive oil  
Wesson Oil  
Coffee

### **Temperature:**

ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
250°F  
120°F

### **Bathroom Products Evaluated:**

Liquid hand soap  
Lipstick  
Lotion  
Toothpaste  
Hairspray

### **Temperature:**

ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)  
ambient (~70°F)



---

---

**SAMPLE PREPARATION – Stain Resistance**

Samples were cleaned with Enviro Klean<sup>®</sup> 2010 All Surface Cleaner diluted with 10 parts water, allowed to dry and absorb atmospheric moisture for 24 hours prior to treatment. The method of application for protective treatments consisted of a wet-on-wet saturating brush application. Samples were allowed to cure for at least 2 weeks prior to testing.

---

---

**TEST METHOD – Stain Resistance**

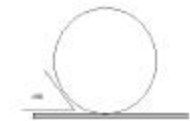
**Surface Beading Evaluation**

The food and oil products were applied to the test areas by using a dropper creating a bead 0.5 – 1.0 cm in diameter. The beading properties of the oils and liquids were visually evaluated within two minutes after application. The results are reported as a rating based on the angle of contact between the base of the droplet and the substrate. A rating of “1 or 2” indicated the smallest angle of contact (<90°) which correlates to “above average” repellency. A rating of “3 or 4” indicates “average” repellency. A rating of “5 or greater” indicated that the oil quickly absorbed into the substrate and correlates to “below average” repellency.

**Note: Non-free flowing staining agents such as ketchup and mustard are applied in a blob and not evaluated for their beading properties. All of the bathroom staining agents were non-free flowing agents, therefore there are no surface beading results to report.**

Rating System (1-5)

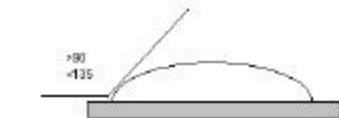
1. No wetting of contact area (no darkening); angle less than 90°



2. Wetting contained to the contact area (slight darkening); angle is less than 90°



3. Wetting contained to the contact area (slight darkening); angle is greater than 90°, but less than 135°.



4. Wetting beyond the contact area (darkening); angle is greater than 135°



5. Wetting beyond the contact area (darkening); angle is flat.





# PALLET TAG PROGRAM LABORATORY REPORT



**TEST METHODS: Continued**

**Stain Resistance**

The kitchen soiling agents were allowed to dwell on the treated and untreated substrate for times of 24 hours, 4 hours, 1 hour, and 10 minutes. The bathroom soiling agents were allowed to dwell on the treated and untreated substrate for times of 24 hours, 4 hours, and 10 minutes. The test areas were then cleaned with Enviro Klean® 2010 All Surface Cleaner diluted 1 part concentrate to 10 parts fresh water and scrubbed under a stream of running water from a faucet. Samples were allowed to dry for 24 hours. Evaluation consisted of a visual examination of the tested areas to determine the percentage of staining removal.

**TEST RESULTS – Surface Beading – Kitchen Staining Agents**

<b>“DAKAR”</b>						
	<b>Untreated Control</b>	<b>STMP</b>	<b>Stain Barrier</b>	<b>Gloss N’ Guard WB</b>	<b>SLX 100</b>	<b>LMP</b>
<b>Coca Cola</b>	3	2	3	3	2	2
<b>Red Wine</b>	4	2	3	3	2	2
<b>Balsamic Vinegar</b>	4	2	3	3	2	2
<b>Soy Sauce</b>	4	3	3	3	2	2
<b>Olive Oil</b>	5	2	2	3	2	2
<b>Wesson Oil</b>	5	3	2	3	2	2
<b>Hot Coffee</b>	3	3	3	3	2	2

<b>“MARFIL ALBERO”</b>						
	<b>Untreated Control</b>	<b>STMP</b>	<b>Stain Barrier</b>	<b>Gloss N’ Guard WB</b>	<b>SLX 100</b>	<b>LMP</b>
<b>Coca Cola</b>	3	2	2	3	2	2
<b>Red Wine</b>	3	2	2	3	2	2
<b>Balsamic Vinegar</b>	3	2	2	3	2	2
<b>Soy Sauce</b>	3	2	2	3	2	2
<b>Olive Oil</b>	4	2	2	3	2	2
<b>Wesson Oil</b>	4	2	2	3	2	2
<b>Hot Coffee</b>	3	2	2	3	2	2



# PALLET TAG PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 21

## TEST RESULTS – Surface Beading – Kitchen Staining Agents (cont.)

"AZUL TURQUEZA"						
	Untreated Control	STMP	Stain Barrier	Gloss N' Guard WB	SLX 100	LMP
Coca Cola	3	2	2	3	2	2
Red Wine	4	2	2	3	3	3
Balsamic Vinegar	4	2	2	3	3	3
Soy Sauce	4	2	2	3	3	3
Olive Oil	4	2	2	3	2	2
Wesson Oil	4	2	2	3	2	2
Hot Coffee	4	2	2	3	3	2

"PERLA CLARO"						
	Untreated Control	STMP	Stain Barrier	Gloss N' Guard WB	SLX 100	LMP
Coca Cola	4	2	2	3	2	2
Red Wine	4	2	2	3	3	3
Balsamic Vinegar	4	2	2	3	3	3
Soy Sauce	4	2	2	3	3	3
Olive Oil	4	2	2	3	2	2
Wesson Oil	4	2	2	3	2	2
Hot Coffee	4	2	2	3	2	2



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS – Surface Beading – Kitchen Staining Agents (cont.)**

<b>“NEGRO DIAMANTE”</b>						
	<b>Untreated Control</b>	<b>STMP</b>	<b>Stain Barrier</b>	<b>Gloss N’ Guard WB</b>	<b>SLX 100</b>	<b>LMP</b>
<b>Coca Cola</b>	3	2	2	3	2	2
<b>Red Wine</b>	4	2	2	3	2	2
<b>Balsamic Vinegar</b>	4	2	2	3	2	2
<b>Soy Sauce</b>	4	3	3	3	3	3
<b>Olive Oil</b>	4	2	2	3	2	2
<b>Wesson Oil</b>	4	2	2	3	2	2
<b>Hot Coffee</b>	4	2	2	3	2	2

<b>“PERLATO”</b>						
	<b>Untreated Control</b>	<b>STMP</b>	<b>Stain Barrier</b>	<b>Gloss N’ Guard WB</b>	<b>SLX 100</b>	<b>LMP</b>
<b>Coca Cola</b>	4	2	2	3	2	2
<b>Red Wine</b>	4	2	2	3	2	2
<b>Balsamic Vinegar</b>	4	3	2	3	3	3
<b>Soy Sauce</b>	4	3	2	3	2	2
<b>Olive Oil</b>	4	2	2	3	2	2
<b>Wesson Oil</b>	4	2	2	3	2	2
<b>Hot Coffee</b>	4	2	2	3	2	2



# PALLET TAG PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 23

## TEST RESULTS – Surface Beading – Kitchen Staining Agents (cont.)

"BLANCO MICRO"						
	Untreated Control	STMP	Stain Barrier	Gloss N' Guard WB	SLX 100	LMP
Coca Cola	3	2	2	3	2	2
Red Wine	4	2	2	3	2	2
Balsamic Vinegar	4	2	2	3	2	2
Soy Sauce	4	3	3	3	3	3
Olive Oil	4	2	2	3	2	2
Wesson Oil	4	2	2	3	2	2
Hot Coffee	4	2	2	3	2	2

"PERLA STONE"						
	Untreated Control	STMP	Stain Barrier	Gloss N' Guard WB	SLX 100	LMP
Coca Cola	4	2	2	3	2	2
Red Wine	4	2	2	3	2	2
Balsamic Vinegar	4	2	2	3	2	2
Soy Sauce	4	2	2	3	2	2
Olive Oil	4	2	2	3	2	2
Wesson Oil	4	2	2	3	2	2
Hot Coffee	4	2	2	3	2	2



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 24

**TEST RESULTS – Stain Resistance: Kitchen Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“DAKAR”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	95%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Gloss 'N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%	100%	60%	100%*	100%*	100%	100%	100%	100%
<b>4 hour</b>	100%	100%	60%	100%	100%*	100%	100%	100%	100%
<b>1 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent





# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 25

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“MARFIL ALBERO”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Gloss 'N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%	100%	60%	100%*	100%*	100%	100%	100%	100%
<b>4 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>1 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 26

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“AZUL TURQUEZA”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Gloss ‘N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%	100%	60%	100%*	100%*	100%	100%	100%	100%
<b>4 hour</b>	100%	100%	60%	100%	100%*	100%	100%	100%	100%
<b>1 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off<sup>®</sup> SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	95%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 27

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“PERLA CLARO”**

<b>Untreated Control</b>									
	Coca Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Stone, Tile, &amp; Masonry Protector</b>									
	Coca Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stain Barrier</b>									
	Coca Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Gloss 'N Guard WB</b>									
	Coca Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
<b>24 hr</b>	100%	100%	60%	100%*	100%*	100%	100%	100%	100%
<b>4 hour</b>	100%	100%	60%	100%	100%*	100%	100%	100%	100%
<b>1 hour</b>	100%	100%	60%	100%	100%*	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off<sup>®</sup> SLX 100 Water &amp; Oil Repellent</b>									
	Coca Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Limestone &amp; Marble Protector</b>									
	Coca Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 28

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“NEGRO DIAMANTE”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Gloss ‘N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	60%*	100%*	100%*	100%	100%	100%	100%
<b>4 hour</b>	100%*	100%*	60%*	100%*	100%*	100%	100%	100%	100%
<b>1 hour</b>	100%*	100%*	60%*	100%*	100%*	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off<sup>®</sup> SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 29

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“PERLATO”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	80%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	80%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	90%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Gloss ‘N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%	100%	50%	100%*	100%*	100%	100%	100%	100%
<b>4 hour</b>	100%	100%	50%	100%*	100%*	100%	100%	100%	100%
<b>1 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off<sup>®</sup> SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 30

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“BLANCO MICRO”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	80%*	100%*	100%*	100%	100%	80%*
<b>4 hour</b>	100%*	100%*	100%*	80%*	100%*	100%*	100%	100%	80%*
<b>1 hour</b>	100%*	100%*	100%*	90%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Gloss 'N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%	100%	50%	100%*	100%	100%	100%	100%	100%
<b>4 hour</b>	100%	100%	50%	100%	100%	100%	100%	100%	100%
<b>1 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off<sup>®</sup> SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 31

**TEST RESULTS – Stain Resistance: Kitchen Stains (cont.)**

% Removal

**“PERLA STONE”**

<b>Untreated Control</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	80%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	80%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	90%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Stone, Tile, &amp; Masonry Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Stain Barrier</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%
<b>Stand Off<sup>®</sup> Gloss ‘N Guard WB</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%	100%	50%	100%*	100%*	100%	100%	100%	100%*
<b>4 hour</b>	100%	100%	50%	100%*	100%*	100%	100%	100%	100%*
<b>1 hour</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	60%	100%	100%	100%	100%	100%	100%
<b>Stand Off<sup>®</sup> SLX 100 Water &amp; Oil Repellent</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	80%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	90%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>Stand Off<sup>®</sup> Limestone &amp; Marble Protector</b>									
	<b>Coca Cola</b>	<b>Ketchup</b>	<b>Mustard</b>	<b>Red Wine</b>	<b>Balsamic Vinegar</b>	<b>Soy Sauce</b>	<b>Olive Oil</b>	<b>Wesson Oil</b>	<b>Hot Coffee</b>
<b>24 hr</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>4 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>1 hour</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%*
<b>10 min.</b>	100%*	100%*	100%*	100%*	100%*	100%*	100%	100%	100%

% Removal of staining agent

\* Indicates etching due to acidic staining agent



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 32

**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“DAKAR”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss 'N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%	100%	75%
<b>4 hour</b>	100%	75%	100%	100%	80%
<b>10 min.</b>	100%	90%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching





# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 33

**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“MARFIL ALBERO”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	60%
<b>4 hour</b>	100%	100%	100%	100%	80%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss ‘N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%*	100%	75%
<b>4 hour</b>	100%	75%	100%*	100%	80%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	75%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



# PALLET TAG PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 34

**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“AZUL TURQUESA”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	60%
<b>4 hour</b>	100%	100%	100%	100%	75%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss 'N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%*	100%	75%
<b>4 hour</b>	100%	75%	100%*	100%	75%
<b>10 min.</b>	100%	80%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“PERLA CLARO”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss 'N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%	100%	80%
<b>4 hour</b>	100%	75%	100%	100%	80%
<b>10 min.</b>	100%	80%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“NEGRO DIAMANTE”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	75%
<b>4 hour</b>	100%	100%	100%	100%	80%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss ‘N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%	100%	80%
<b>4 hour</b>	100%	75%	100%	100%	80%
<b>10 min.</b>	100%	80%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%*	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“PERLATO”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss ‘N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%	100%	80%
<b>4 hour</b>	100%	75%	100%	100%	90%
<b>10 min.</b>	100%	80%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“BLANCO MICRO”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	60%
<b>4 hour</b>	100%	100%	100%	100%	70%
<b>10 min.</b>	100%	100%	100%	100%	80%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	100%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	90%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss ‘N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	60%	100%	100%	75%
<b>4 hour</b>	100%	75%	100%	100%	80%
<b>10 min.</b>	100%	80%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	90%	100%*	100%	75%
<b>4 hour</b>	100%	100%	100%	100%	80%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	90%	100%*	100%	75%
<b>4 hour</b>	100%	90%	100%	100%	80%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



# PALLET TAG PROGRAM LABORATORY REPORT



**TEST RESULTS – Stain Resistance: Bathroom Stains**

Cleaned with: Enviro Klean® 2010 All Surface Cleaner (1:10)

% Removal

**“PERLA STONE”**

<b>Untreated Control</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	90%	100%*	100%	80%
<b>4 hour</b>	100%	90%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stone, Tile, &amp; Masonry Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Stain Barrier</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	90%	100%*	100%	80%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Gloss ‘N Guard WB</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%	75%	100%	100%	90%
<b>4 hour</b>	100%	80%	100%	100%	100%
<b>10 min.</b>	100%	90%	100%	100%	100%
<b>Stand Off® SLX 100 Water &amp; Oil Repellent</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	90%	100%*	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%
<b>Stand Off® Limestone &amp; Marble Protector</b>					
	<b>Hand Soap</b>	<b>Lipstick</b>	<b>Lotion</b>	<b>Toothpaste</b>	<b>Hairspray</b>
<b>24 hr</b>	100%*	100%	100%*	100%	90%
<b>4 hour</b>	100%	100%	100%	100%	90%
<b>10 min.</b>	100%	100%	100%	100%	100%

% Removal of staining agent

\* Indicates etching



**PHOTOGRAPHS - Stain Resistance**

**“Azul Turqueza”**



**“Dakar”**







**PHOTOGRAPHS - Stain Resistance (cont.)**

**“Marfil Albero”**



---

**CONCLUSIONS – Stain Resistance**

Based upon laboratory evaluations, Stand Off<sup>®</sup> Gloss ‘N Guard WB was the most effective treatment in repelling the kitchen staining agents from the submitted CompacMarble<sup>®</sup>. Stand Off<sup>®</sup> Stone, Tile & Masonry Protector (STMP), Stand Off<sup>®</sup> Stain Barrier, Stand Off<sup>®</sup> SLX 100 Water & Oil Repellent, and Stand Off<sup>®</sup> Limestone & Marble Protector were all highly effective in repelling bathroom staining agents from the submitted CompacMarble<sup>®</sup>.



# PALLET TAG PROGRAM LABORATORY REPORT



## RECOMMENDATIONS – STAIN RESISTANCE

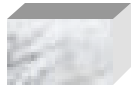
Recommendations for stain resistance treatment for each type of CompacMarble<sup>®</sup> tile submitted by CompacStone USA, Inc., Stillwater, MN are provided in the charts below. Recommendations are based on the treatments that proved most effective for providing stain repellency on all types submitted.

### KITCHEN STAIN RESISTANCE

Sample	Stain Repellent	Maintenance Cleaner
“DAKAR”	Stand Off <sup>®</sup> Gloss ‘N Guard WB	Enviro Klean <sup>®</sup> 2010 All Surface Cleaner (1:10)
“MARFIL ALBERO”		
“AZUL TURQUESA”		
“PERLA CLARO”		
“NEGRO DIAMANTE”		
“PERLATO”		
“BLANCO MICRO”		
“PERLA STONE”		



# PALLET TAG PROGRAM LABORATORY REPORT



**RECOMMENDATIONS – STAIN RESISTANCE (cont.)**

**BATHROOM STAIN RESISTANCE**

Sample	Stain Repellent	Maintenance Cleaner
“DAKAR”		
“MARFIL ALBERO”	Stand Off® Stone, Tile & Masonry Protector (STMP)	
“AZUL TURQUESA”	OR	
“PERLA CLARO”	Stand Off® Stain Barrier	
“NEGRO DIAMANTE”	OR	Enviro Klean® 2010 All Surface Cleaner (1:10)
“PERLATO”	Stand Off® SLX 100 Water & Oil Repellent	
“BLANCO MICRO”	OR	
“PERLA STONE”	Stand Off® Limestone & Marble Protector	

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 product and procedure for a particular project. See product literature for application and product information.



Courtney A. Williams  
Technical Analyst

CAW/



---

***Laboratory Report***

**Pallet Tag Program Evaluation**

**CompacStone USA, Inc.  
Stillwater, MN**

***Project No. 0208-34 PTP***

***Prepared For:***

**Roberto Contreras**

**CompacStone USA, Inc.  
204 S. 3<sup>rd</sup> St.  
Stillwater, MN 55082**

***Prepared By:***

**PROSOCO, Inc.**



**October 2002**