



# *Pallet Tag Program Laboratory Report*

**Bilco Brick  
Lancaster, TX**



*Project No. 2601-03 PTP*

***Prepared For:***



**PROSOCO**

***Prepared By:***

*J. Lucas Comadoll*

J. Lucas Comadoll  
Chemist  
AMT Laboratories

February 2026



# LABORATORY REPORT

AMT Laboratories • 3741 Greenway Circle • Lawrence, Kansas 66046 • (888) 376-3600

**FOR:** Clay Colen, Vice President of Operations, Bilco Brick  
**cc:** Wes Brown, Regional Sales Manager, PROSOCO, Inc.  
Clay Witt, Director of Sales – South, PROSOCO, Inc.  
Bob Holmes, Independent Representative, RK Holmes Company

**SUBJECT:** Bilco Brick  
Lancaster, TX  
Pallet Tag Evaluation

**DATE:** February 27, 2026  
**PROJECT:** 2601-03 PTP

**SAMPLES SUBMITTED:** Thirty-two types of concrete brick

| Sample             | Name            | Color                                  | Size                     |
|--------------------|-----------------|--|--------------------------|
| (8) Concrete Brick | “Stardust”      | Gray with white coating                | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Mountain Peak” | Gray with white coating                | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Frost”         | Gray with gray coating                 | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Scottsdale”    | Gray                                   | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Phoenix”       | Gray                                   | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Dune”          | Brown                                  | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Adobe”         | Red                                    | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Eclipse”       | Black                                  | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Winter Ash”    | Gray brick with white and gray coating | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Everest”       | Gray brick with white coating          | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Chestnut”      | Brown                                  | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Camel”         | Buff                                   | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Onyx”          | Gray                                   | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Gray Mist”     | Gray                                   | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Graystone”     | Gray with white coating                | 9 1/2” x 2 3/4” x 2 3/4” |
| (8) Concrete Brick | “Wheaton”       | Buff, white, and brown                 | 9 1/2” x 2 3/4” x 2 3/4” |

**SAMPLES SUBMITTED: (cont.)**

| Sample             | Name              | Color                                  | Size                     |
|--------------------|-------------------|--|--------------------------|
| (8) Concrete Brick | "Dartford"        | Light and dark gray                    | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Pinehurst"       | Red, brown, and gray                   | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Williamsburg"    | Red with white coating                 | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Westfield"       | Red with black and white coating       | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Sahara"          | Brown and gray                         | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Rhodes"          | Brown, buff, and gray                  | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Majestic"        | Red, buff, and gray                    | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Gettysburg"      | Light and dark gray with white coating | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Georgetown"      | Light and dark brown                   | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Edinburgh"       | Red, brown, and gray                   | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Bristol"         | Buff with gray coating                 | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Bilco Gray"      | Gray                                   | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Lime Green"      | Green                                  | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Caribbean Blue"  | Blue                                   | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Longhorn Orange" | Red                                    | 9 1/2" x 2 3/4" x 2 3/4" |
| (8) Concrete Brick | "Mustard Yellow"  | Yellow                                 | 9 1/2" x 2 3/4" x 2 3/4" |

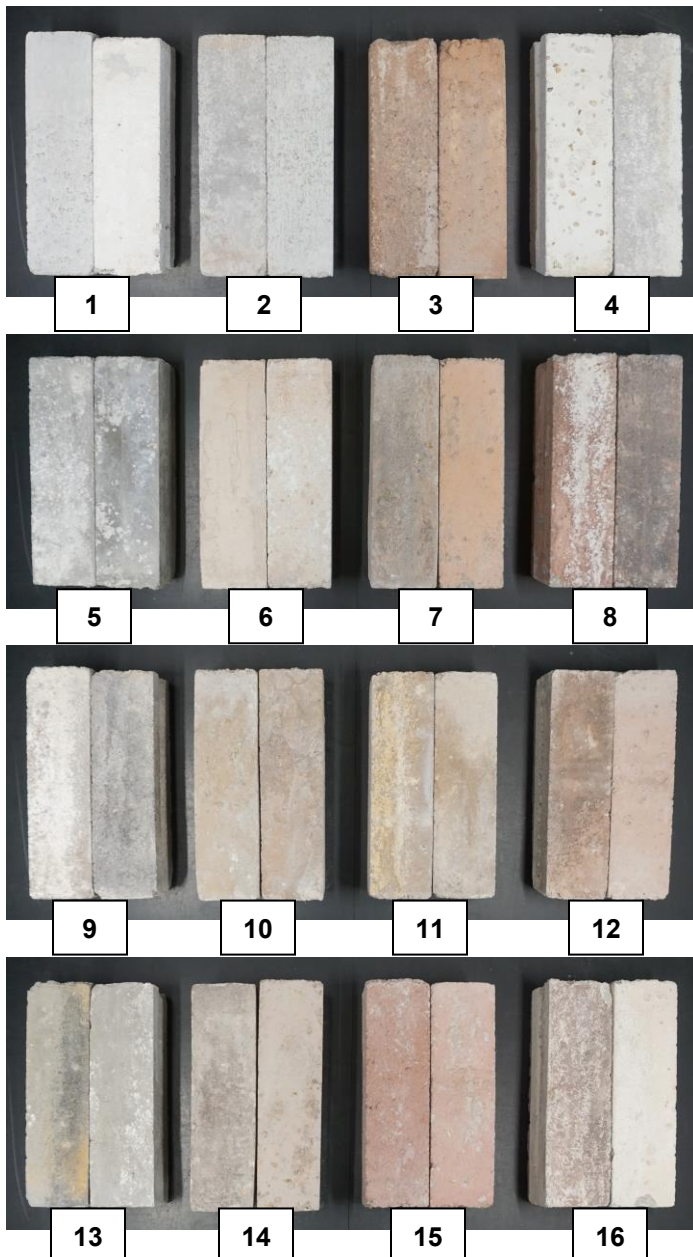
**SUBMITTED BY:** Clay Colen  
Vice President of Operations  
Bilco Brick  
2116 N. Lancaster-Hutchins Rd.  
Lancaster, TX 75134

**PURPOSE OF TEST:**

- To determine the most appropriate PROSOCO, Inc. new construction cleaner(s) for the submitted samples.
- To determine the most appropriate PROSOCO, Inc. maintenance cleaner(s) for the submitted samples.

**NOTE: Some of the submitted samples exhibited a variation in color or surface finish upon arrival prior to any testing as shown in the photograph below.**

**Variation in Color or Surface Finish Present as Submitted**



**Concrete Brick Key**

- 1 – “Mountain Peak”
- 2 – “Frost”
- 3 – “Adobe”
- 4 – “Winter Ash”
- 5 – “Graystone”
- 6 – “Wheaton”
- 7 – “Pinehurst”
- 8 – “Williamsburg”
- 9 – “Westfield”
- 10 – “Sahara”
- 11 – “Rhodes”
- 12 – “Majestic”
- 13 – “Gettysburg”
- 14 – “Georgetown”
- 15 – “Edinburgh”
- 16 – “Bristol”

**PRODUCTS EVALUATED:**

| <b>New Construction Cleaning</b>        | <b>Dilution:</b> |
|---|------------------|
| Sure Klean® Light Duty Concrete Cleaner | 1:2, 1:3         |
| Sure Klean® Vana Trol®                  | 1:6, 1:8         |
| Sure Klean® 600                         | 1:6, 1:8         |
| Enviro Klean® Safety Klean              | 1:2, 1:3         |

| <b>Adverse Effects</b>                 | <b>Dilution:</b> |
|--|------------------|
| Enviro Klean® 2010 All Surface Cleaner | 1:10             |
| Enviro Klean® Klean 'N Release Cleaner | 1:10             |

**\*NOTE: Per the product data sheet instructions, only use the product in concentrate. Do not dilute.**

**TEST METHODS: New Construction Cleaning**

Sure Klean® Light Duty Concrete Cleaner, Sure Klean® Vana Trol®, Sure Klean® 600, and Enviro Klean® Safety Klean were evaluated to determine the optimal concentration of cleaner which leaves the external surface looking most like the uncleaned surface of the submitted concrete brick.

**Aggregate Exposure** is the visual examination comparing aggregate exposure of the uncleaned surface of the concrete brick to surfaces cleaned with selected product(s) at given dilutions.

**Surface Pigment Alteration/Removal** is the visual examination comparing the uncleaned surface of the concrete brick to surfaces cleaned with selected product(s) at given dilutions.

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

- 0 – **No change** compared to uncleaned surface
- 1 – **Slight change** compared to uncleaned surface
- 2 – **Moderate change** compared to uncleaned surface
- 3 – **Significant change** compared to uncleaned surface

**Cleaning Procedure:**

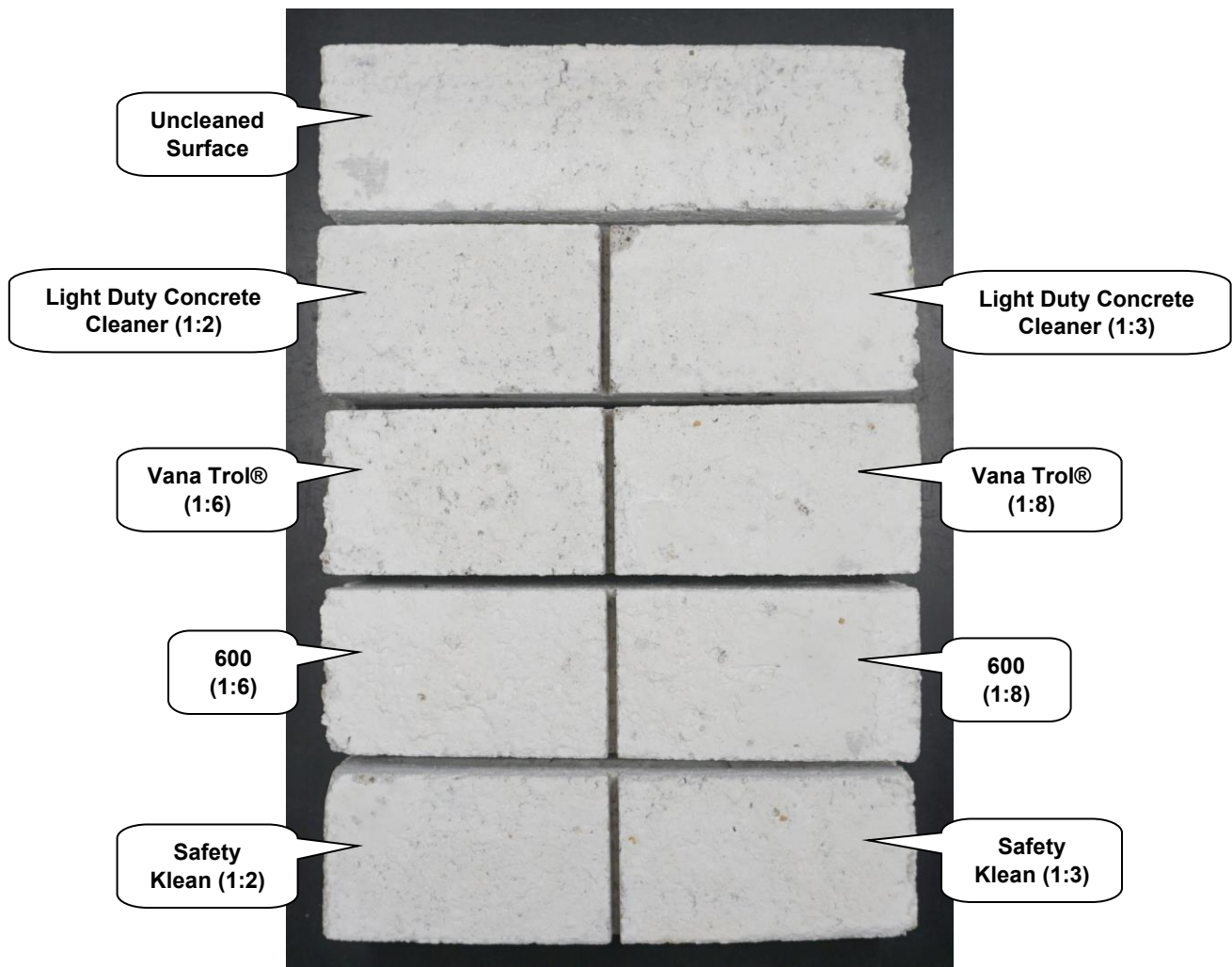
1. Pre-wet the surface and apply diluted cleaning solution according to PROSOCO, Inc. Product Data Sheet.
2. Allow for an appropriate dwell time and periodically agitate:  
Light Duty Concrete Cleaner .....5 minutes  
Vana Trol® .....5 minutes  
600 .....5 minutes  
Safety Klean .....5 minutes
3. Reapply cleaning solution; do not let cleaner dry into sample.
4. Rinse thoroughly with plenty of fresh water.\*
5. Allow the sample to dry for at least 18 hours and visually examine.
6. Compare the uncleaned surfaces to the cleaned surfaces for the best match.

**\*Rinsing Equipment** – Masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 40-degree fan spray tip was used for rinsing.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning**

| Name: "Stardust" Concrete Brick |          |                    |                                    |
|---------------------------------|----------|--------------------|------------------------------------|
| Product                         | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner     | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner     | 1:3      | 1                  | 1                                  |
| Vana Trol®                      | 1:6      | 1                  | 1                                  |
| Vana Trol®                      | 1:8      | 1                  | 1                                  |
| 600                             | 1:6      | 1                  | 1                                  |
| 600                             | 1:8      | 1                  | 1                                  |
| Safety Klean                    | 1:2      | 1                  | 1                                  |
| Safety Klean                    | 1:3      | 1                  | 1                                  |

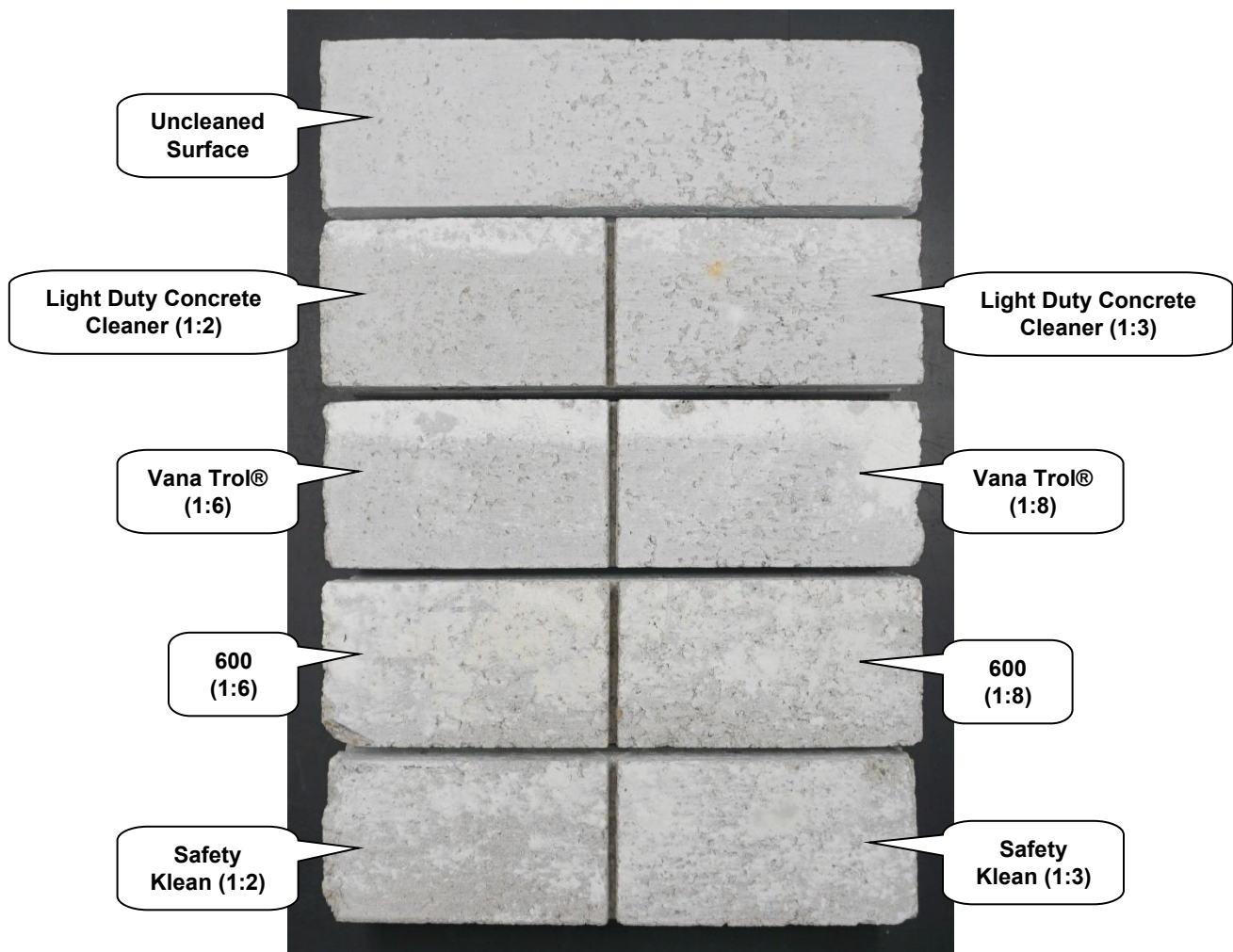
**"Stardust" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Mountain Peak" Concrete Brick |          |                    |                                    |
|--------------------------------------|----------|--------------------|------------------------------------|
| Product                              | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner          | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner          | 1:3      | 1                  | 1                                  |
| Vana Trol®                           | 1:6      | 2                  | 2                                  |
| Vana Trol®                           | 1:8      | 1                  | 1                                  |
| 600                                  | 1:6      | 2                  | 2                                  |
| 600                                  | 1:8      | 2                  | 2                                  |
| Safety Klean                         | 1:2      | 2                  | 2                                  |
| Safety Klean                         | 1:3      | 1                  | 1                                  |

**"Mountain Peak" Concrete Brick After Cleaning**

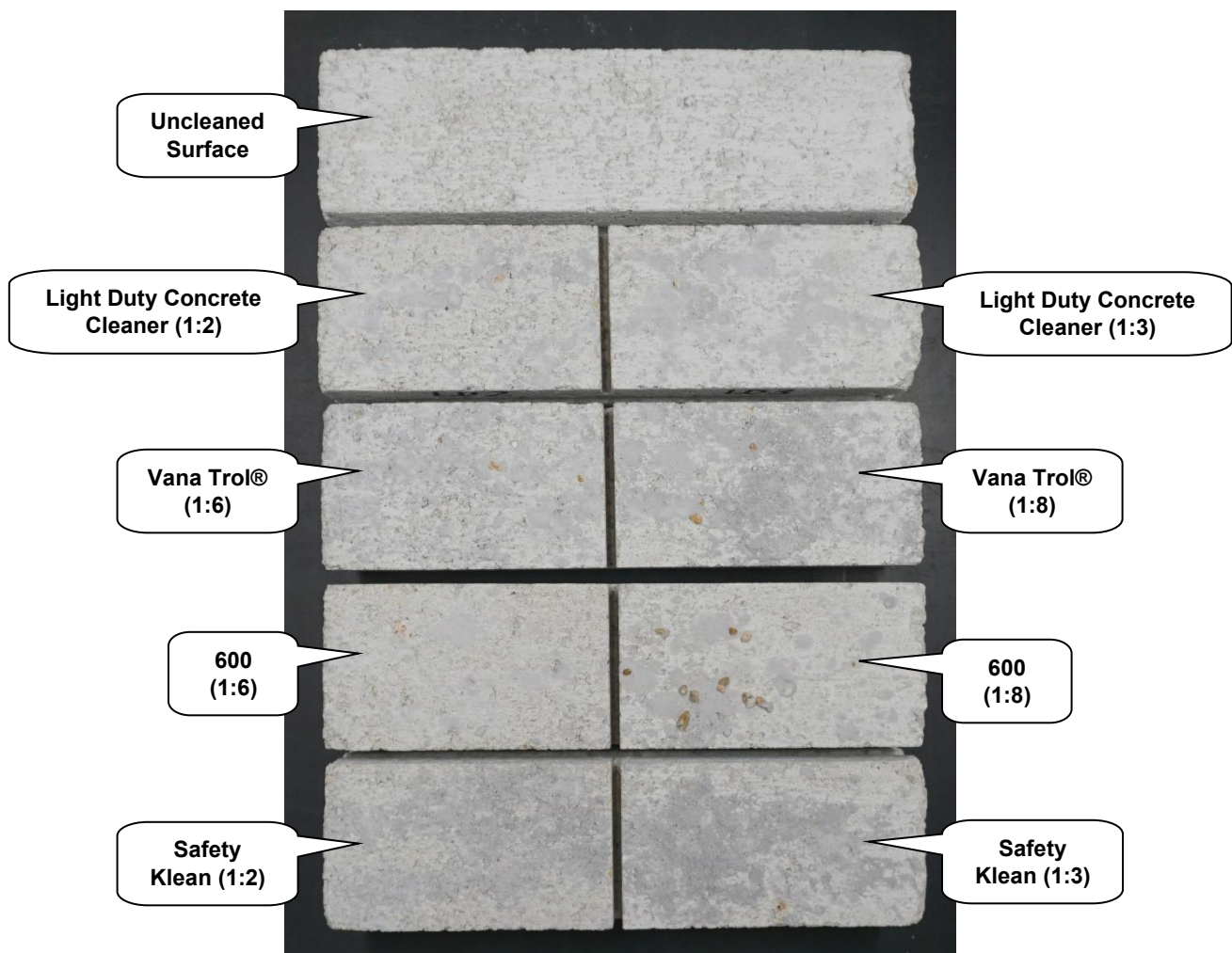


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Frost" Concrete Brick |          |                    |                                    |
|------------------------------|----------|--------------------|------------------------------------|
| Product                      | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner  | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner  | 1:3      | 1                  | 1                                  |
| Vana Trol®                   | 1:6      | 2                  | 2                                  |
| Vana Trol®                   | 1:8      | 1                  | 1                                  |
| 600                          | 1:6      | 2                  | 2                                  |
| 600                          | 1:8      | 2                  | 2                                  |
| Safety Klean                 | 1:2      | 2                  | 2                                  |
| Safety Klean                 | 1:3      | 1                  | 1                                  |

**"Frost" Concrete Brick After Cleaning**

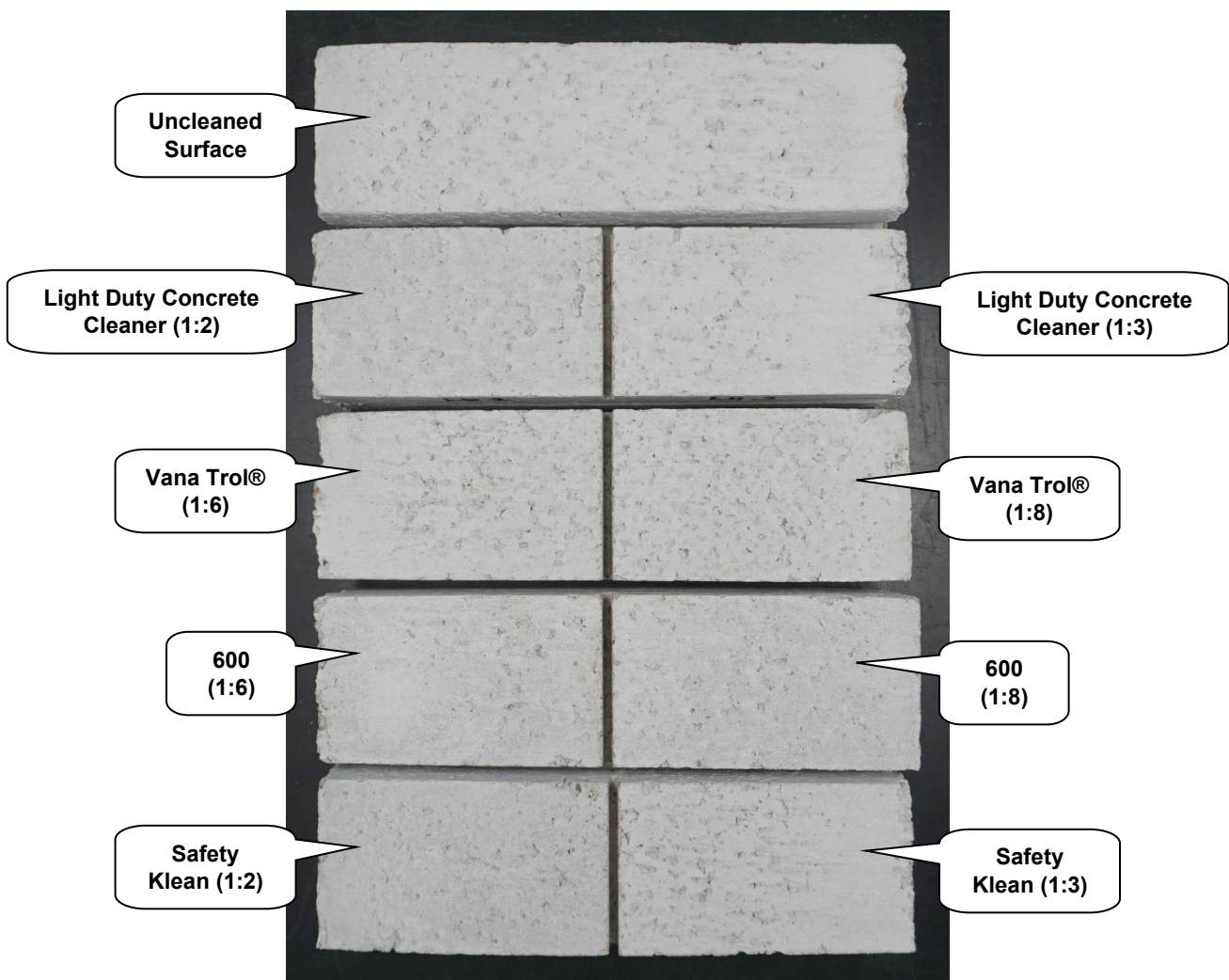


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Scottsdale" Concrete Brick |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product                           | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner       | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner       | 1:3      | 1                  | 1                                  |
| Vana Trol®                        | 1:6      | 2                  | 2                                  |
| Vana Trol®                        | 1:8      | 1                  | 1                                  |
| 600                               | 1:6      | 2                  | 2                                  |
| 600                               | 1:8      | 2                  | 2                                  |
| Safety Klean                      | 1:2      | 2                  | 2                                  |
| Safety Klean                      | 1:3      | 1                  | 1                                  |

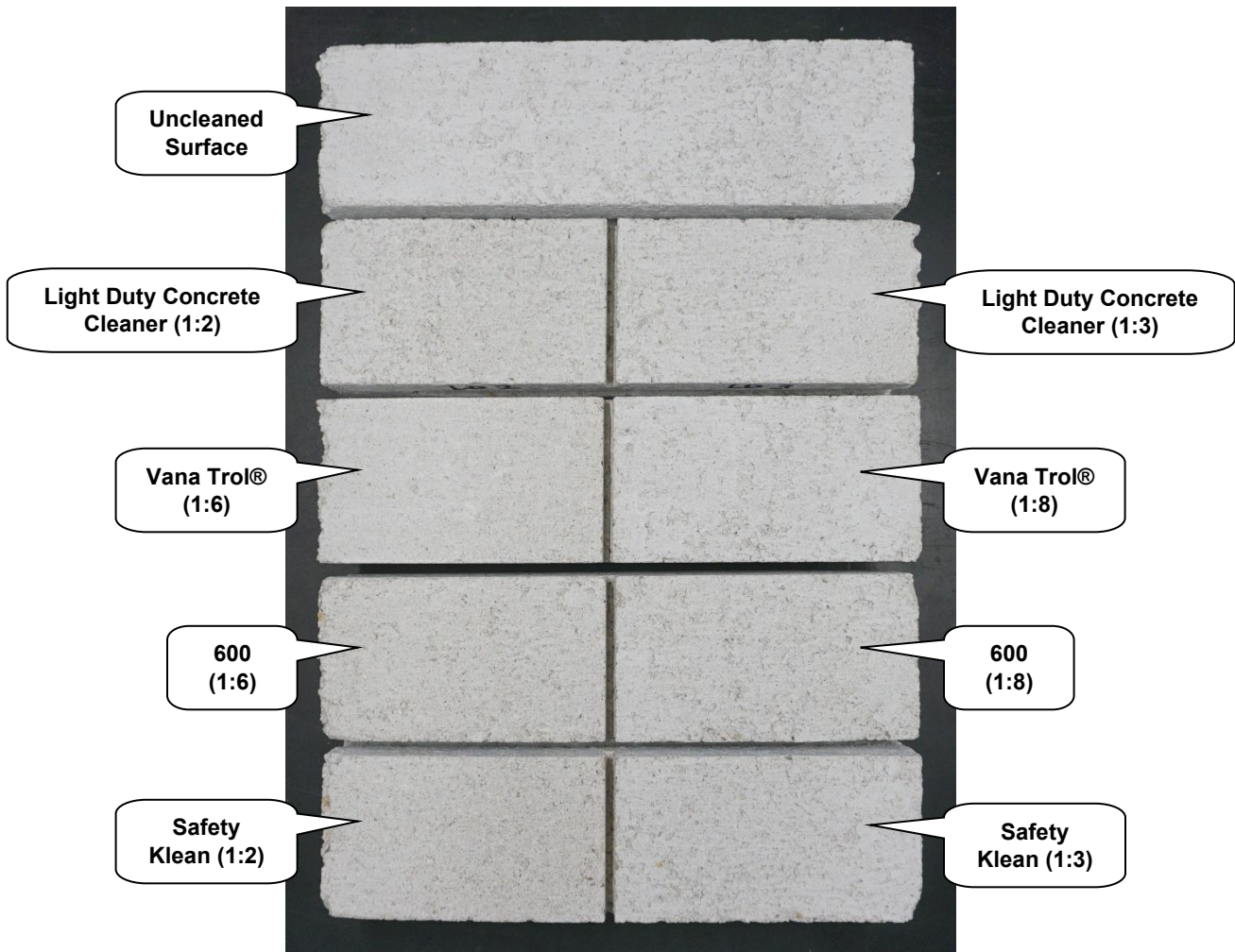
**"Scottsdale" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Phoenix" Concrete Brick |          |                    |                                    |
|--------------------------------|----------|--------------------|------------------------------------|
| Product                        | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner    | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner    | 1:3      | 1                  | 1                                  |
| Vana Trol®                     | 1:6      | 2                  | 2                                  |
| Vana Trol®                     | 1:8      | 1                  | 1                                  |
| 600                            | 1:6      | 2                  | 2                                  |
| 600                            | 1:8      | 2                  | 2                                  |
| Safety Klean                   | 1:2      | 2                  | 2                                  |
| Safety Klean                   | 1:3      | 1                  | 1                                  |

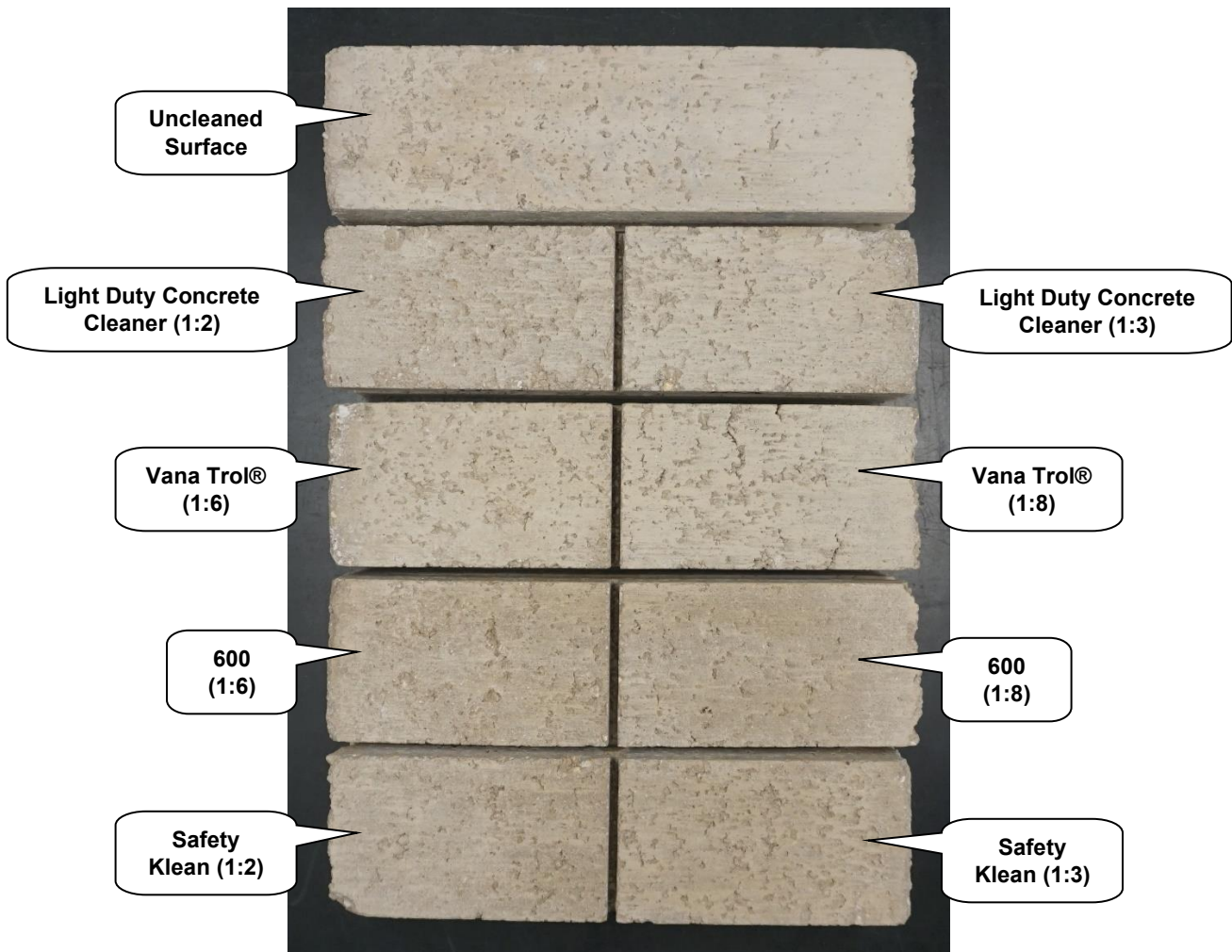
**"Phoenix" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Dune" Concrete Brick |          |                    |                                    |
|-----------------------------|----------|--------------------|------------------------------------|
| Product                     | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner | 1:3      | 1                  | 1                                  |
| Vana Trol®                  | 1:6      | 2                  | 2                                  |
| Vana Trol®                  | 1:8      | 1                  | 1                                  |
| 600                         | 1:6      | 2                  | 2                                  |
| 600                         | 1:8      | 2                  | 2                                  |
| Safety Klean                | 1:2      | 2                  | 2                                  |
| Safety Klean                | 1:3      | 1                  | 1                                  |

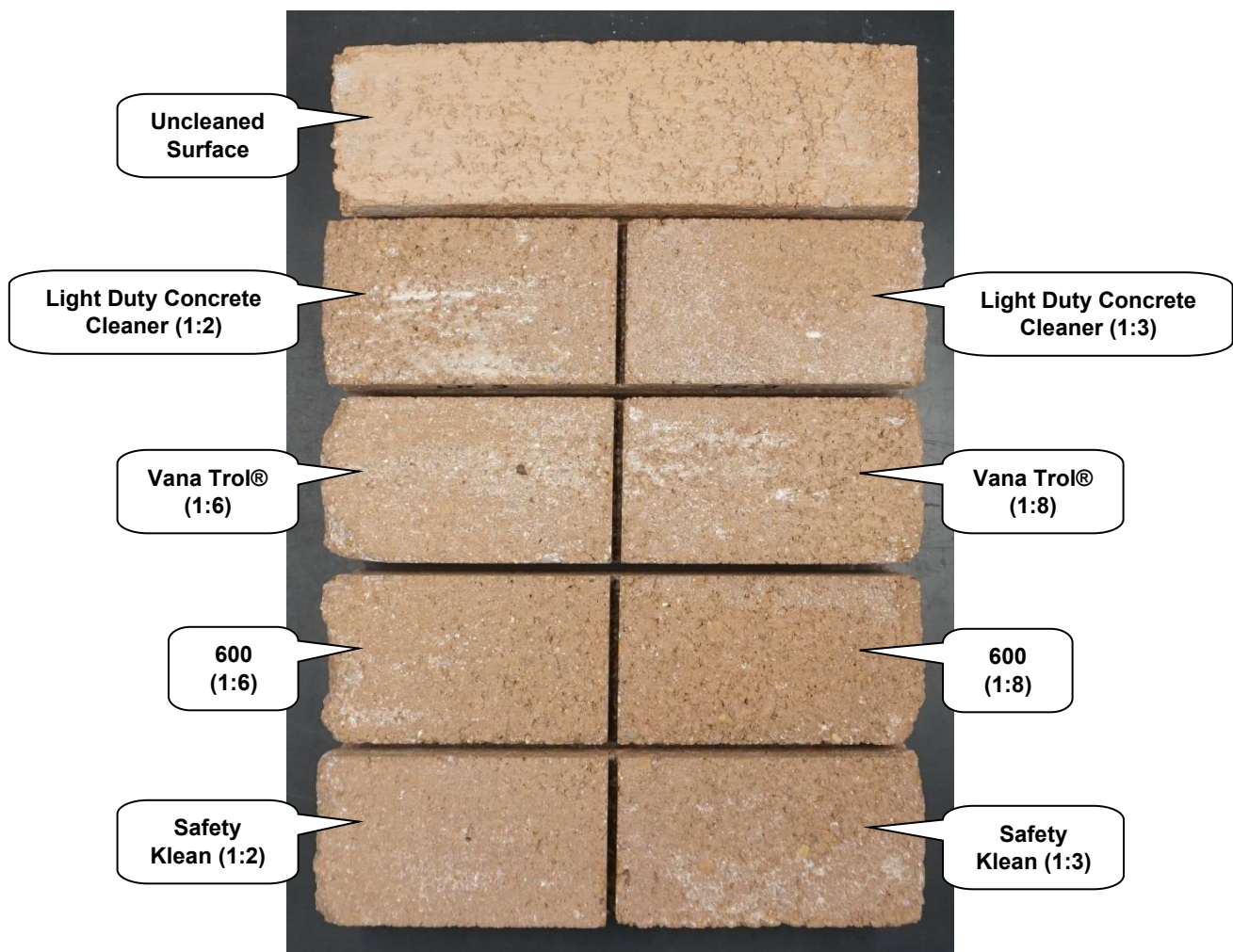
**"Dune" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Adobe" Concrete Brick |          |                    |                                    |
|------------------------------|----------|--------------------|------------------------------------|
| Product                      | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner  | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner  | 1:3      | 1                  | 1                                  |
| Vana Trol®                   | 1:6      | 2                  | 2                                  |
| Vana Trol®                   | 1:8      | 1                  | 1                                  |
| 600                          | 1:6      | 2                  | 2                                  |
| 600                          | 1:8      | 2                  | 2                                  |
| Safety Klean                 | 1:2      | 2                  | 2                                  |
| Safety Klean                 | 1:3      | 1                  | 1                                  |

**"Adobe" Concrete Brick After Cleaning**

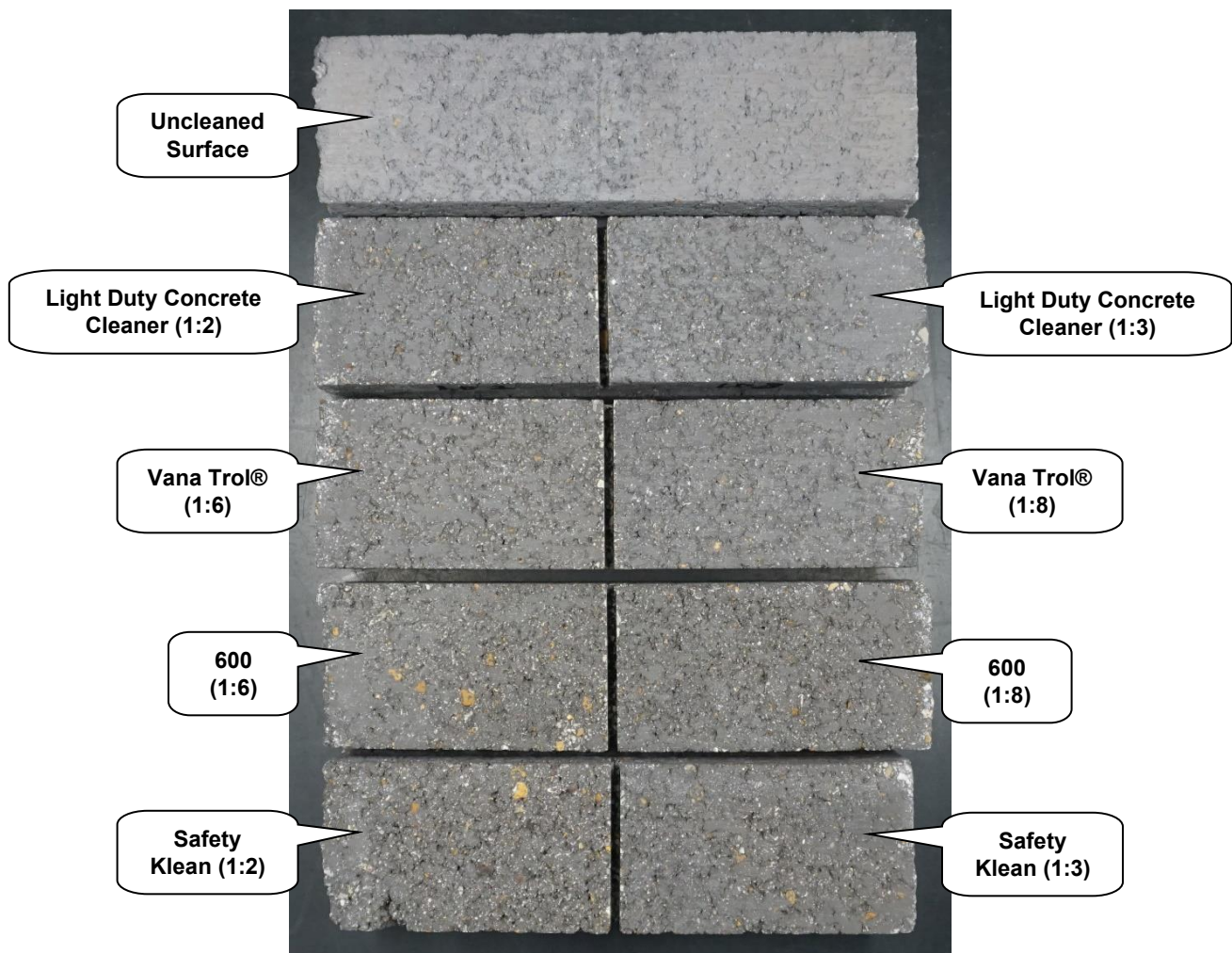


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Eclipse" Concrete Brick |          |                    |                                    |
|--------------------------------|----------|--------------------|------------------------------------|
| Product                        | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner    | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner    | 1:3      | 1                  | 1                                  |
| Vana Trol®                     | 1:6      | 2                  | 2                                  |
| Vana Trol®                     | 1:8      | 1                  | 1                                  |
| 600                            | 1:6      | 2                  | 2                                  |
| 600                            | 1:8      | 2                  | 2                                  |
| Safety Klean                   | 1:2      | 2                  | 2                                  |
| Safety Klean                   | 1:3      | 1                  | 1                                  |

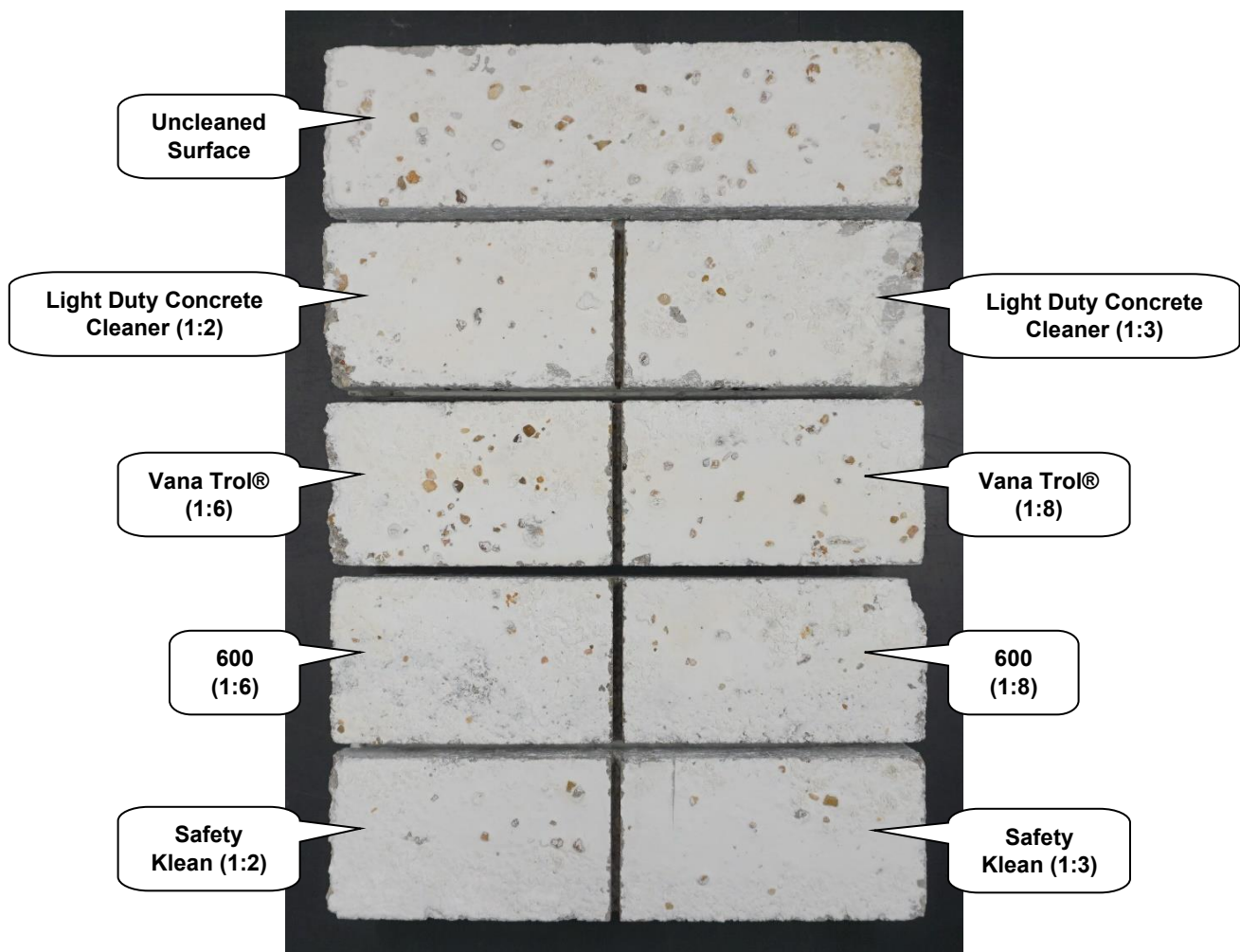
**"Eclipse" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Winter Ash" Concrete Brick |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product                           | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner       | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner       | 1:3      | 1                  | 1                                  |
| Vana Trol®                        | 1:6      | 1                  | 1                                  |
| Vana Trol®                        | 1:8      | 1                  | 1                                  |
| 600                               | 1:6      | 1                  | 1                                  |
| 600                               | 1:8      | 1                  | 1                                  |
| Safety Klean                      | 1:2      | 1                  | 1                                  |
| Safety Klean                      | 1:3      | 1                  | 1                                  |

**"Winter Ash" Concrete Brick After Cleaning**

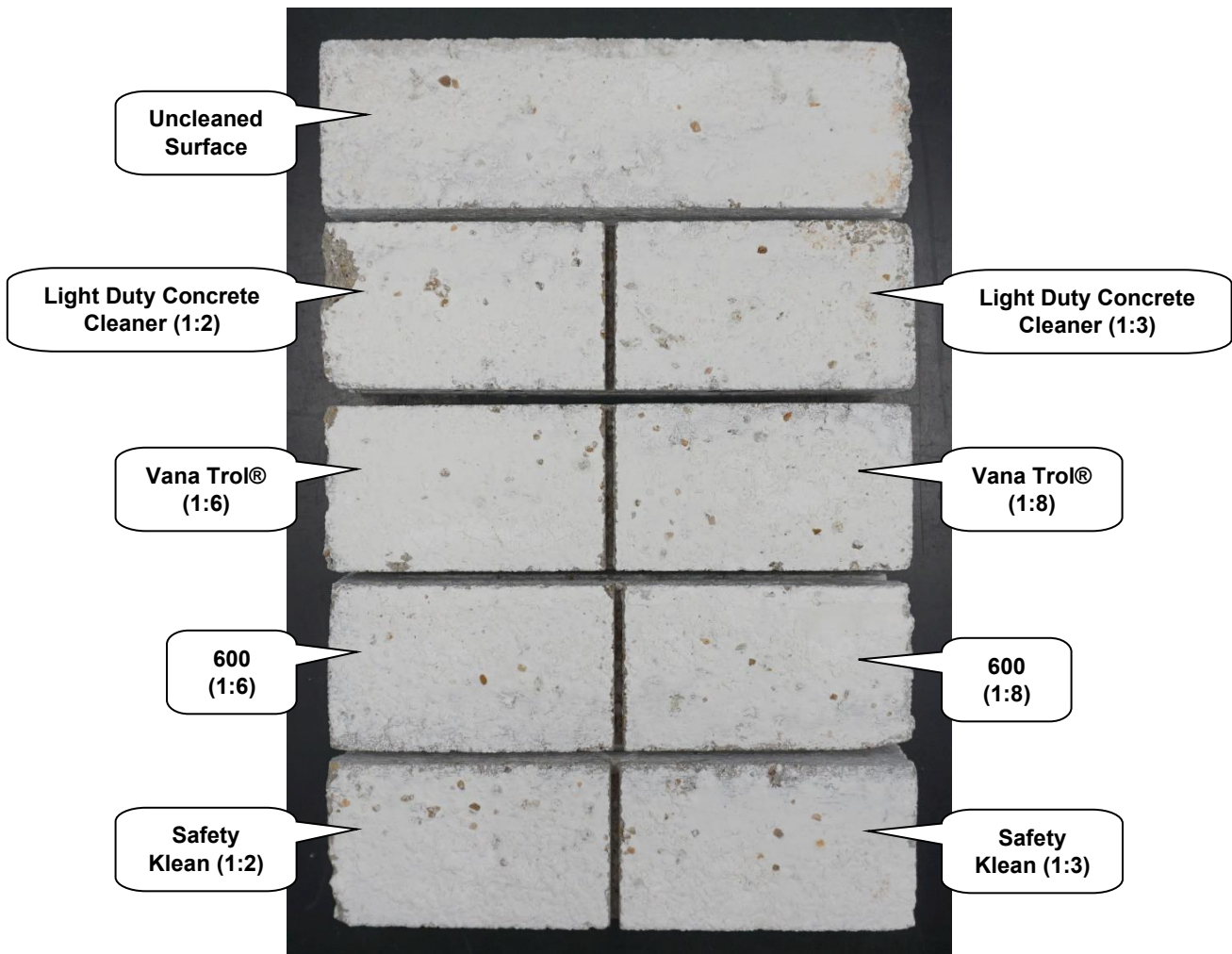


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Everest" Concrete Brick |          |                    |                                    |
|--------------------------------|----------|--------------------|------------------------------------|
| Product                        | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner    | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner    | 1:3      | 1                  | 1                                  |
| Vana Trol®                     | 1:6      | 1                  | 1                                  |
| Vana Trol®                     | 1:8      | 1                  | 1                                  |
| 600                            | 1:6      | 1                  | 1                                  |
| 600                            | 1:8      | 1                  | 1                                  |
| Safety Klean                   | 1:2      | 1                  | 1                                  |
| Safety Klean                   | 1:3      | 1                  | 1                                  |

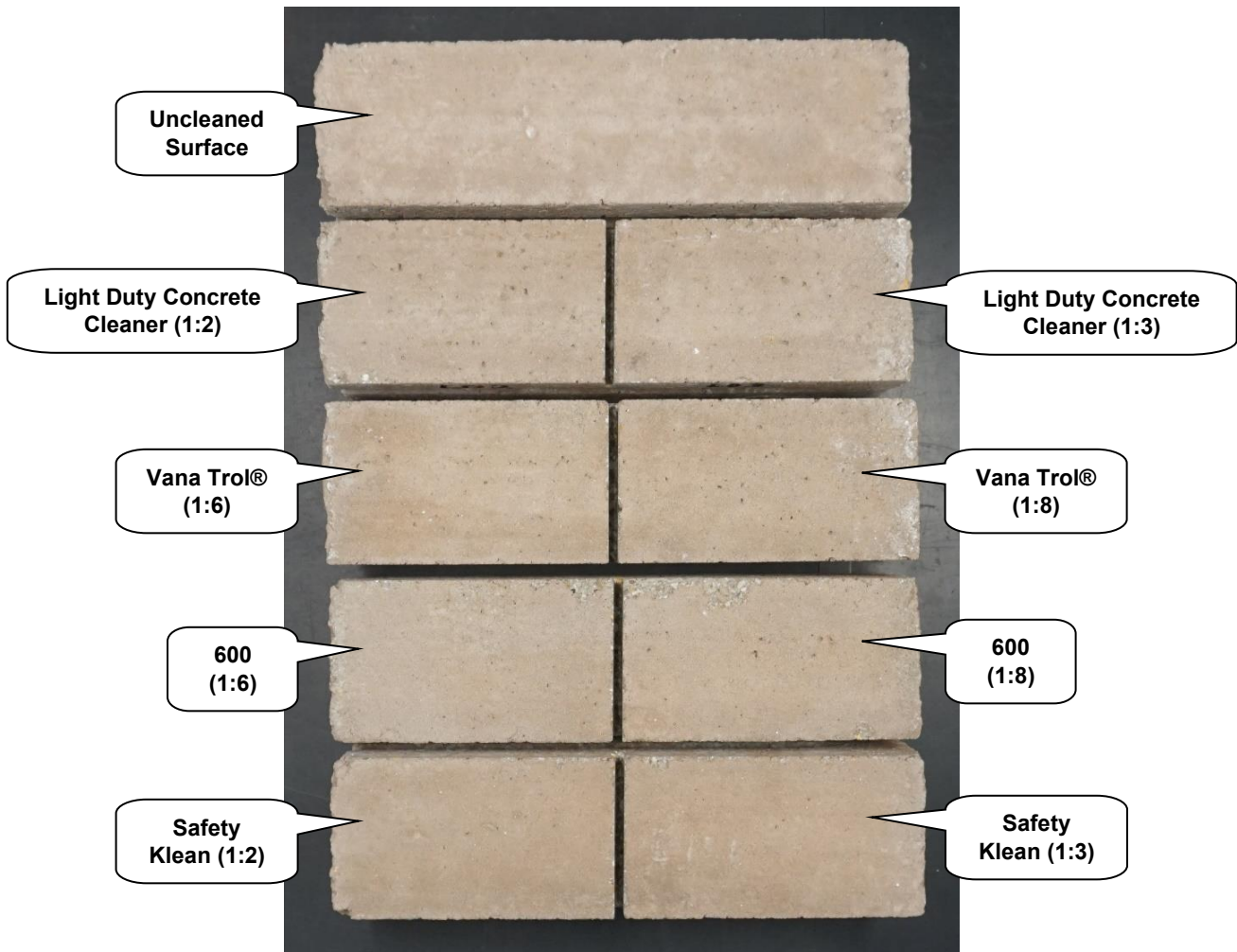
**"Everest" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Chestnut" Concrete Brick |          |                    |                                    |
|---------------------------------|----------|--------------------|------------------------------------|
| Product                         | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner     | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner     | 1:3      | 1                  | 1                                  |
| Vana Trol®                      | 1:6      | 1                  | 1                                  |
| Vana Trol®                      | 1:8      | 1                  | 1                                  |
| 600                             | 1:6      | 1                  | 1                                  |
| 600                             | 1:8      | 1                  | 1                                  |
| Safety Klean                    | 1:2      | 1                  | 1                                  |
| Safety Klean                    | 1:3      | 1                  | 1                                  |

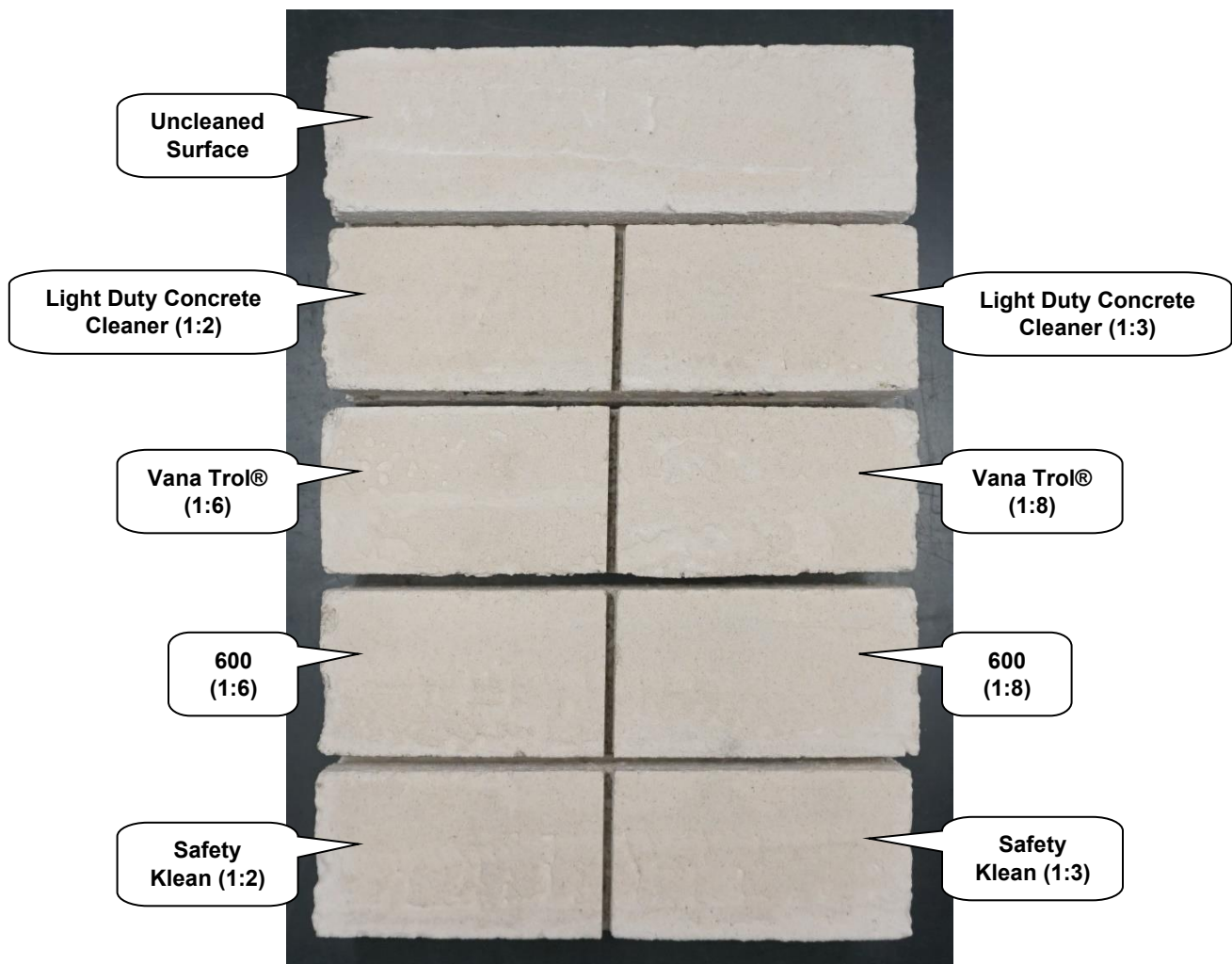
**"Chestnut" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Camel" Concrete Brick |          |                    |                                    |
|------------------------------|----------|--------------------|------------------------------------|
| Product                      | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner  | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner  | 1:3      | 1                  | 1                                  |
| Vana Trol®                   | 1:6      | 1                  | 1                                  |
| Vana Trol®                   | 1:8      | 1                  | 1                                  |
| 600                          | 1:6      | 1                  | 1                                  |
| 600                          | 1:8      | 1                  | 1                                  |
| Safety Klean                 | 1:2      | 1                  | 1                                  |
| Safety Klean                 | 1:3      | 1                  | 1                                  |

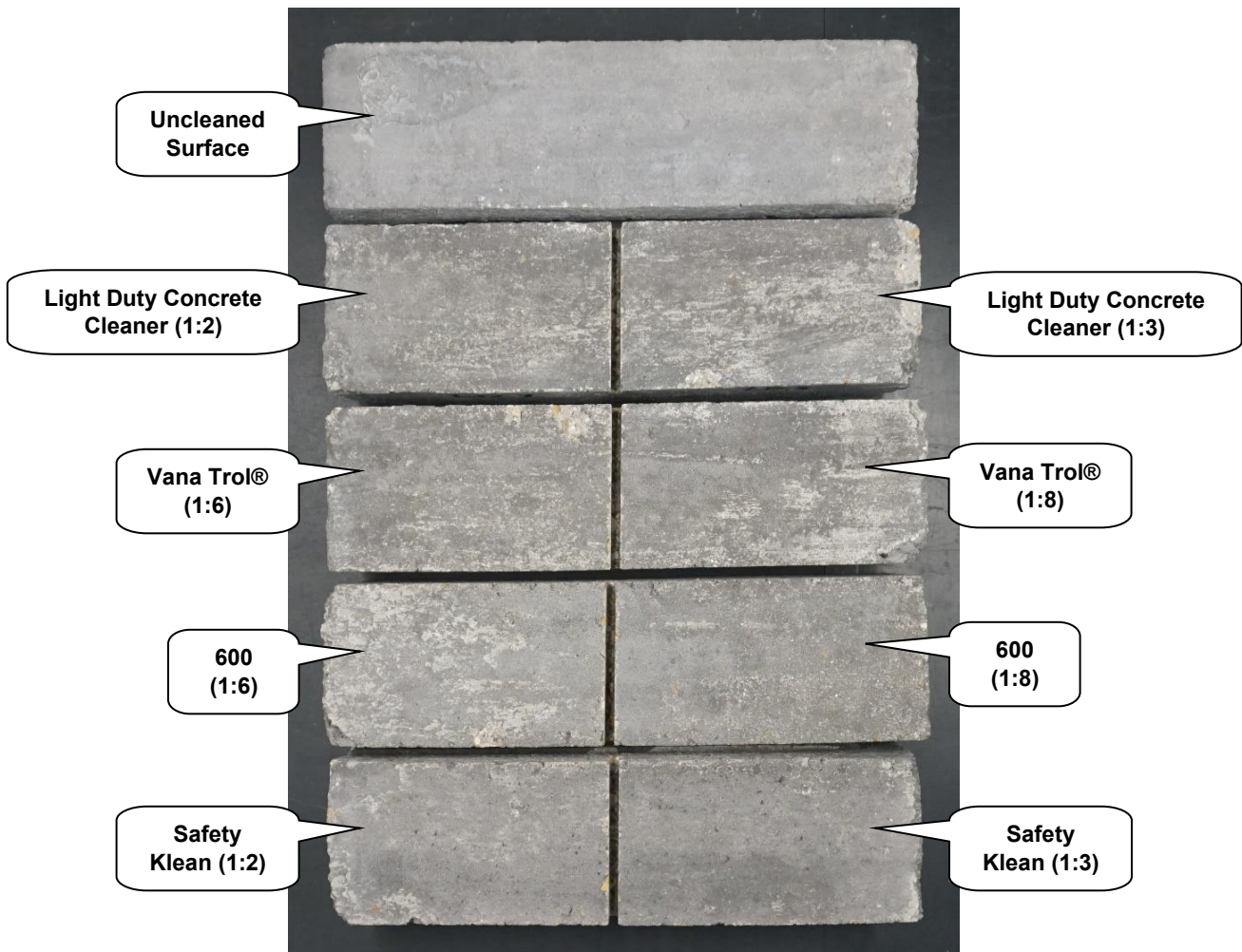
**"Camel" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Onyx" Concrete Brick |          |                    |                                    |
|-----------------------------|----------|--------------------|------------------------------------|
| Product                     | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner | 1:3      | 1                  | 1                                  |
| Vana Trol®                  | 1:6      | 1                  | 1                                  |
| Vana Trol®                  | 1:8      | 1                  | 1                                  |
| 600                         | 1:6      | 1                  | 1                                  |
| 600                         | 1:8      | 1                  | 1                                  |
| Safety Klean                | 1:2      | 1                  | 1                                  |
| Safety Klean                | 1:3      | 1                  | 1                                  |

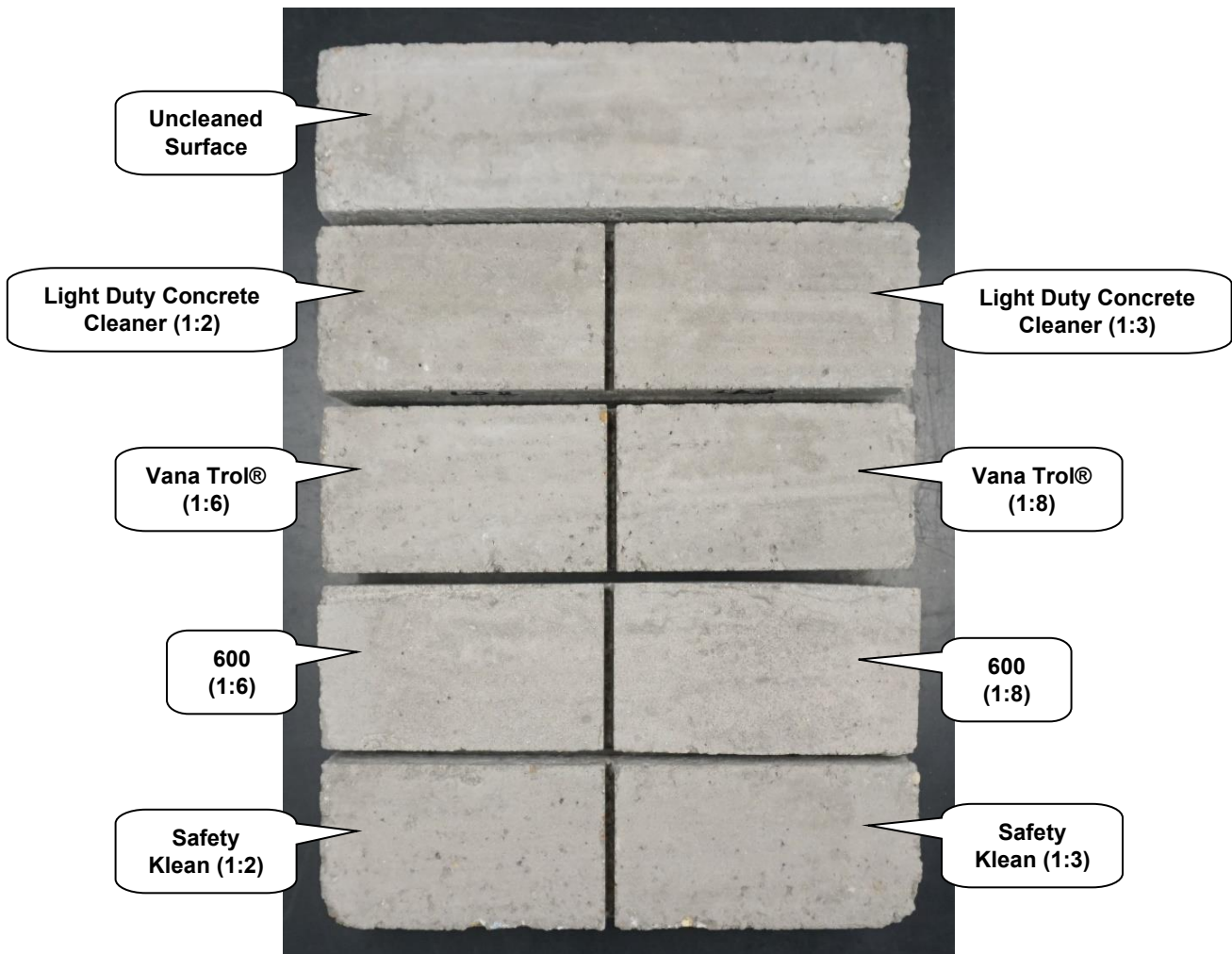
**"Onyx" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Gray Mist" Concrete Brick |          |                    |                                    |
|----------------------------------|----------|--------------------|------------------------------------|
| Product                          | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner      | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner      | 1:3      | 1                  | 1                                  |
| Vana Trol®                       | 1:6      | 1                  | 1                                  |
| Vana Trol®                       | 1:8      | 1                  | 1                                  |
| 600                              | 1:6      | 1                  | 1                                  |
| 600                              | 1:8      | 1                  | 1                                  |
| Safety Klean                     | 1:2      | 1                  | 1                                  |
| Safety Klean                     | 1:3      | 1                  | 1                                  |

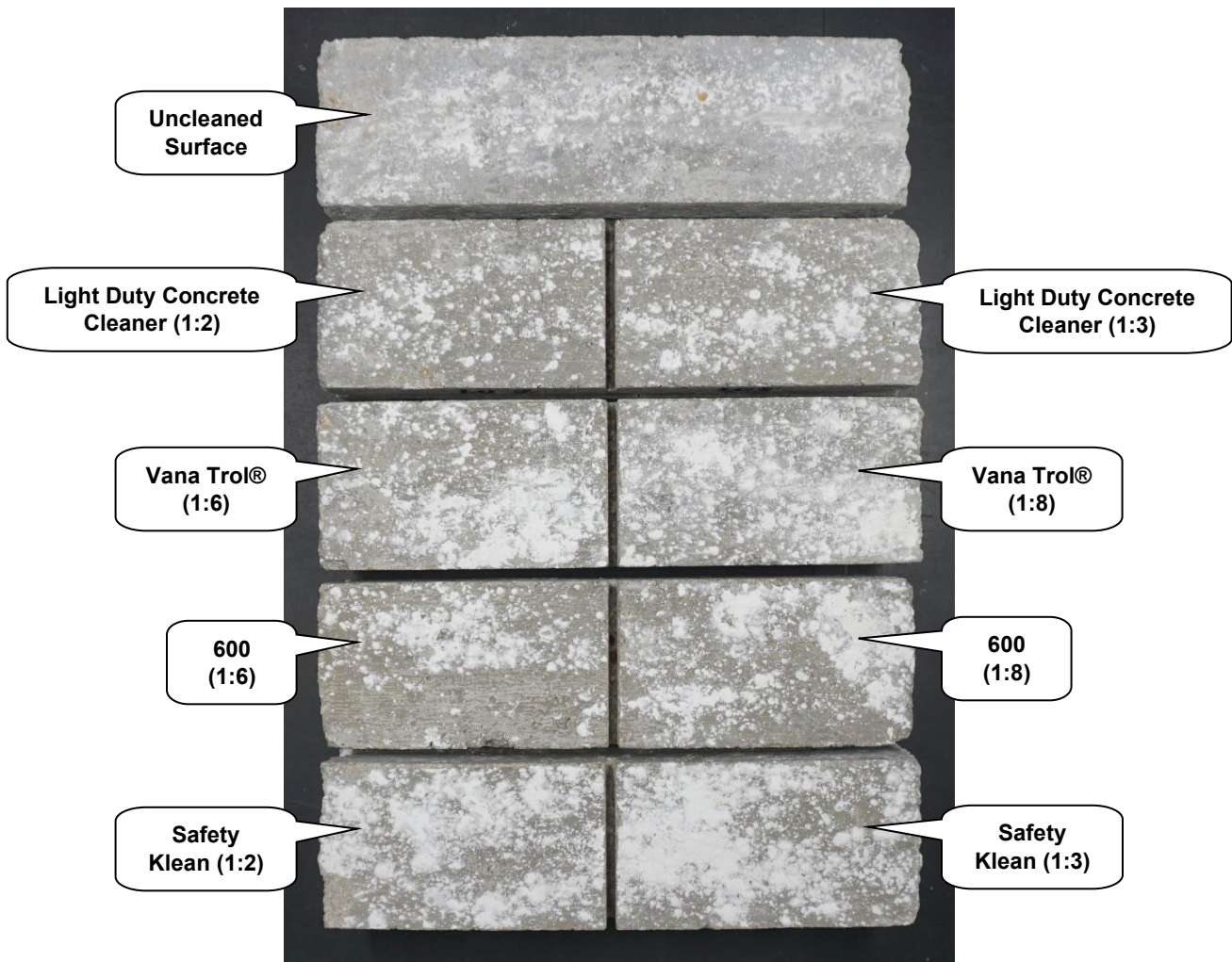
**"Gray Mist" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Graystone" Concrete Brick |          |                    |                                    |
|----------------------------------|----------|--------------------|------------------------------------|
| Product                          | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner      | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner      | 1:3      | 1                  | 1                                  |
| Vana Trol®                       | 1:6      | 1                  | 1                                  |
| Vana Trol®                       | 1:8      | 1                  | 1                                  |
| 600                              | 1:6      | 1                  | 1                                  |
| 600                              | 1:8      | 1                  | 1                                  |
| Safety Klean                     | 1:2      | 1                  | 1                                  |
| Safety Klean                     | 1:3      | 1                  | 1                                  |

**"Graystone" Concrete Brick After Cleaning**

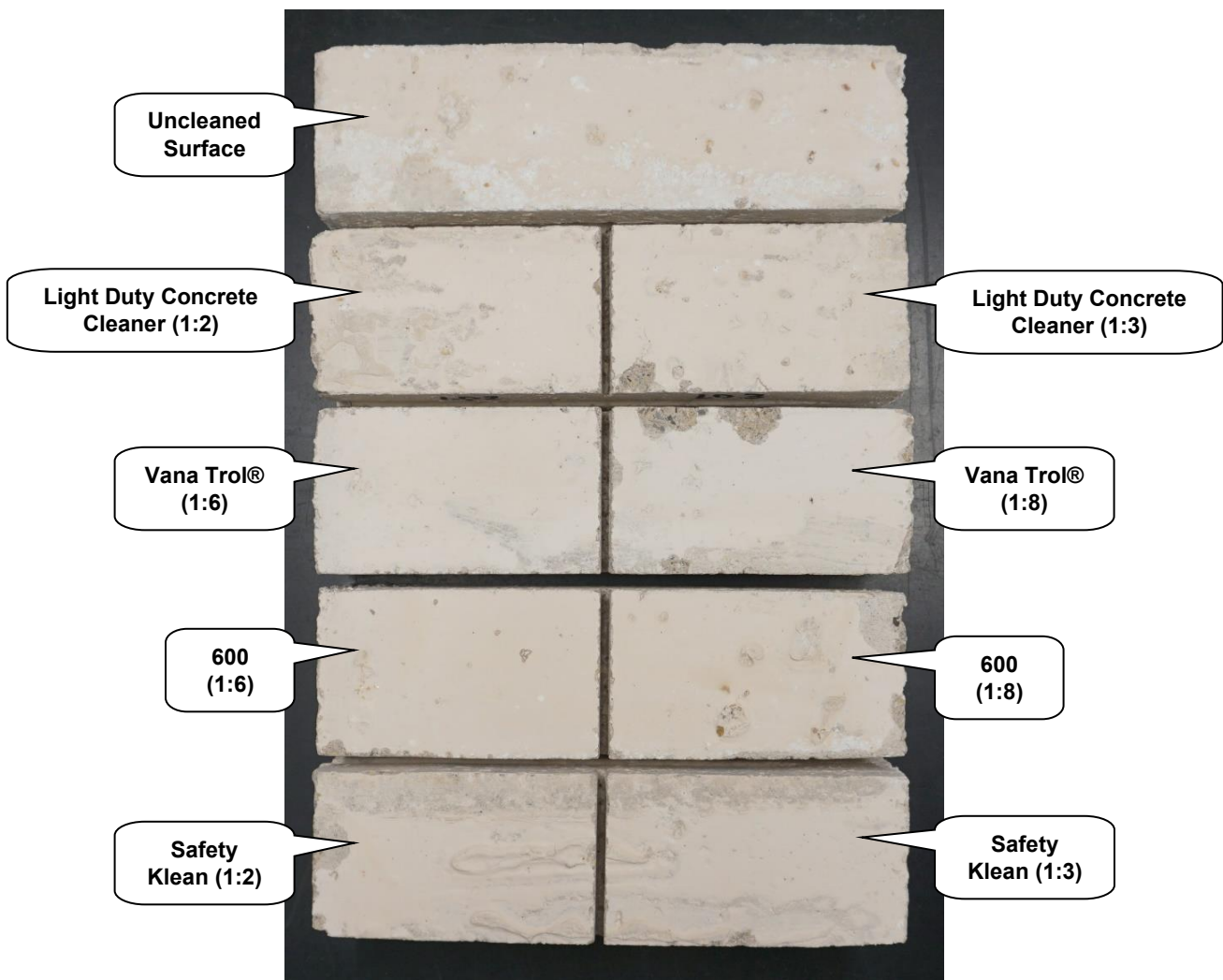


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Wheaton" Concrete Brick |          |                    |                                    |
|--------------------------------|----------|--------------------|------------------------------------|
| Product                        | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner    | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner    | 1:3      | 1                  | 1                                  |
| Vana Trol®                     | 1:6      | 1                  | 1                                  |
| Vana Trol®                     | 1:8      | 1                  | 1                                  |
| 600                            | 1:6      | 1                  | 1                                  |
| 600                            | 1:8      | 1                  | 1                                  |
| Safety Klean                   | 1:2      | 1                  | 1                                  |
| Safety Klean                   | 1:3      | 1                  | 1                                  |

**"Wheaton" Concrete Brick After Cleaning**

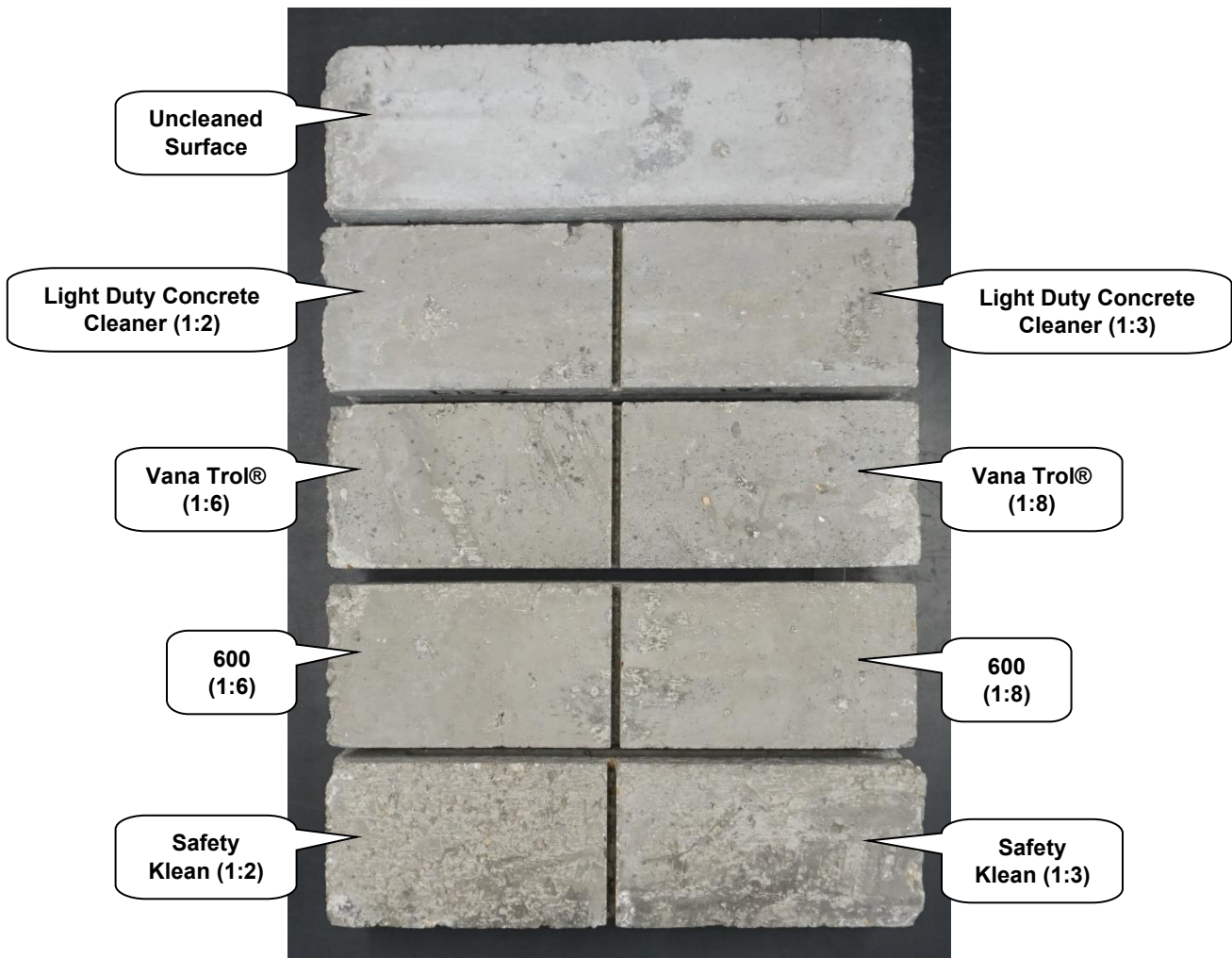


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Dartford" Concrete Brick |          |                    |                                    |
|---------------------------------|----------|--------------------|------------------------------------|
| Product                         | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner     | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner     | 1:3      | 2                  | 2                                  |
| Vana Trol®                      | 1:6      | 2                  | 2                                  |
| Vana Trol®                      | 1:8      | 2                  | 2                                  |
| 600                             | 1:6      | 2                  | 2                                  |
| 600                             | 1:8      | 2                  | 2                                  |
| Safety Klean                    | 1:2      | 2                  | 2                                  |
| Safety Klean                    | 1:3      | 2                  | 2                                  |

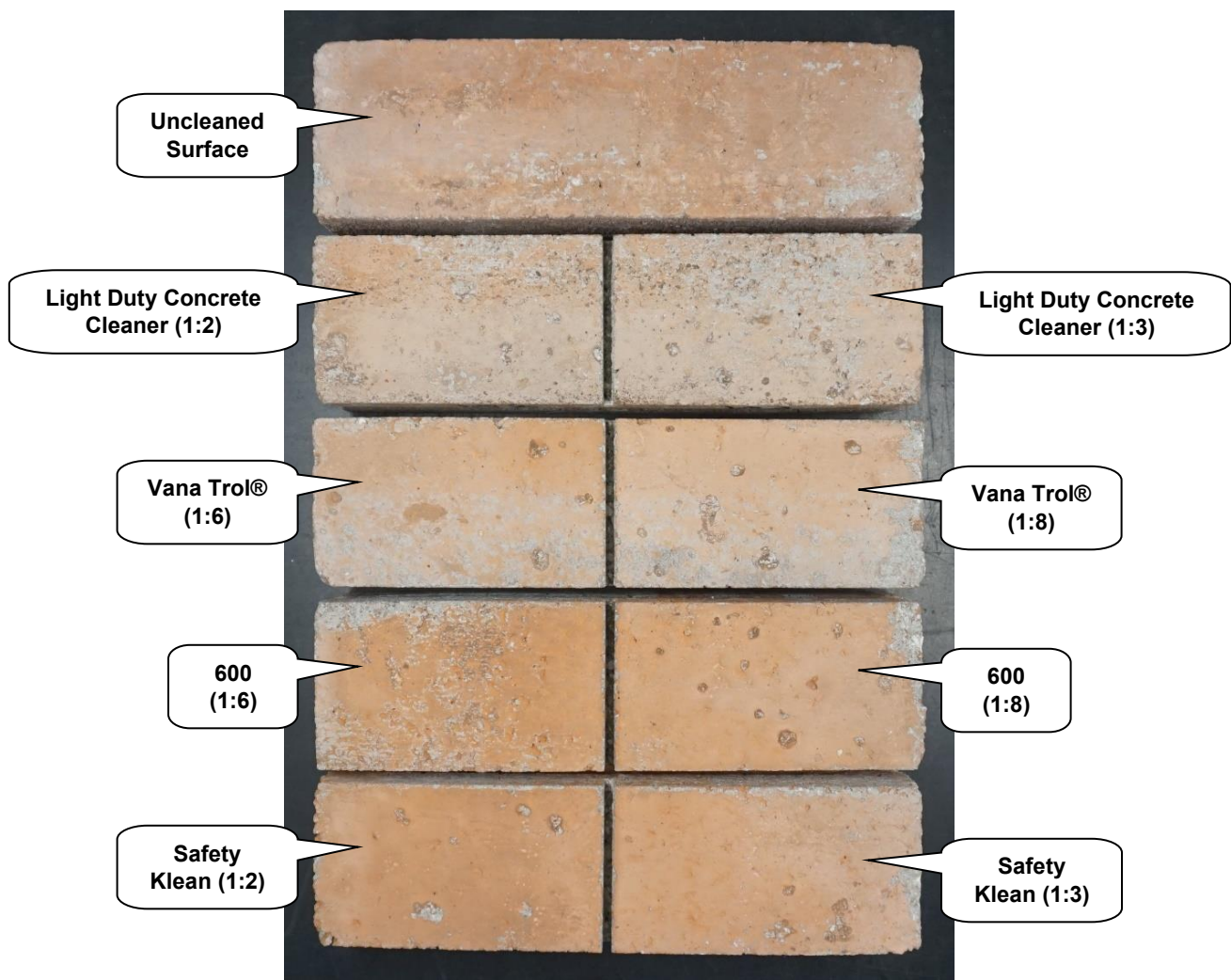
**"Dartford" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Pinehurst" Concrete Brick |          |                    |                                    |
|----------------------------------|----------|--------------------|------------------------------------|
| Product                          | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner      | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner      | 1:3      | 1                  | 1                                  |
| Vana Trol®                       | 1:6      | 2                  | 2                                  |
| Vana Trol®                       | 1:8      | 1                  | 1                                  |
| 600                              | 1:6      | 2                  | 2                                  |
| 600                              | 1:8      | 2                  | 2                                  |
| Safety Klean                     | 1:2      | 2                  | 2                                  |
| Safety Klean                     | 1:3      | 2                  | 2                                  |

**"Pinehurst" Concrete Brick After Cleaning**

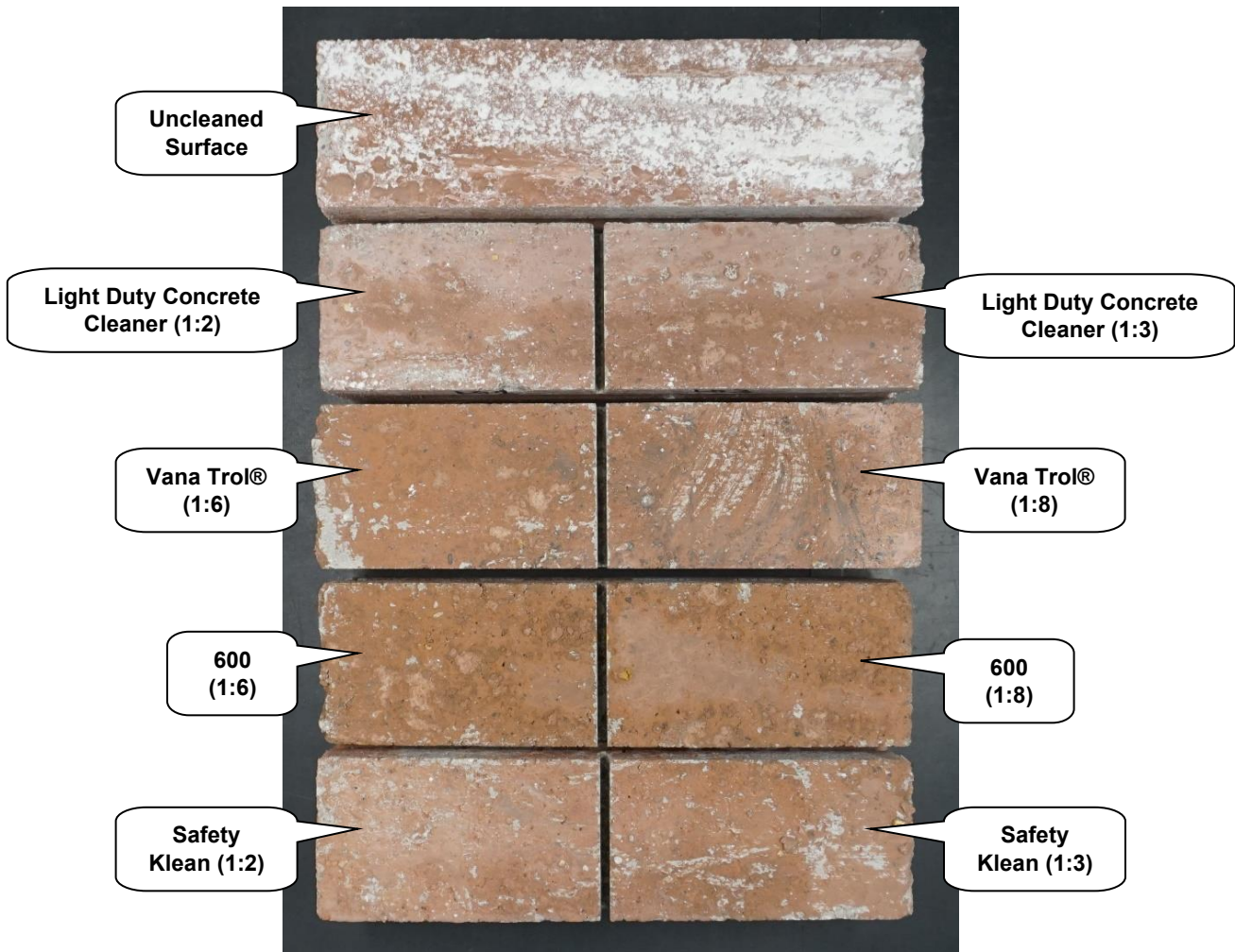


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Williamsburg" Concrete Brick |          |                    |                                    |
|-------------------------------------|----------|--------------------|------------------------------------|
| Product                             | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner         | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner         | 1:3      | 1                  | 1                                  |
| Vana Trol®                          | 1:6      | 2                  | 2                                  |
| Vana Trol®                          | 1:8      | 1                  | 1                                  |
| 600                                 | 1:6      | 2                  | 2                                  |
| 600                                 | 1:8      | 2                  | 2                                  |
| Safety Klean                        | 1:2      | 2                  | 2                                  |
| Safety Klean                        | 1:3      | 1                  | 1                                  |

**"Williamsburg" Concrete Brick After Cleaning**

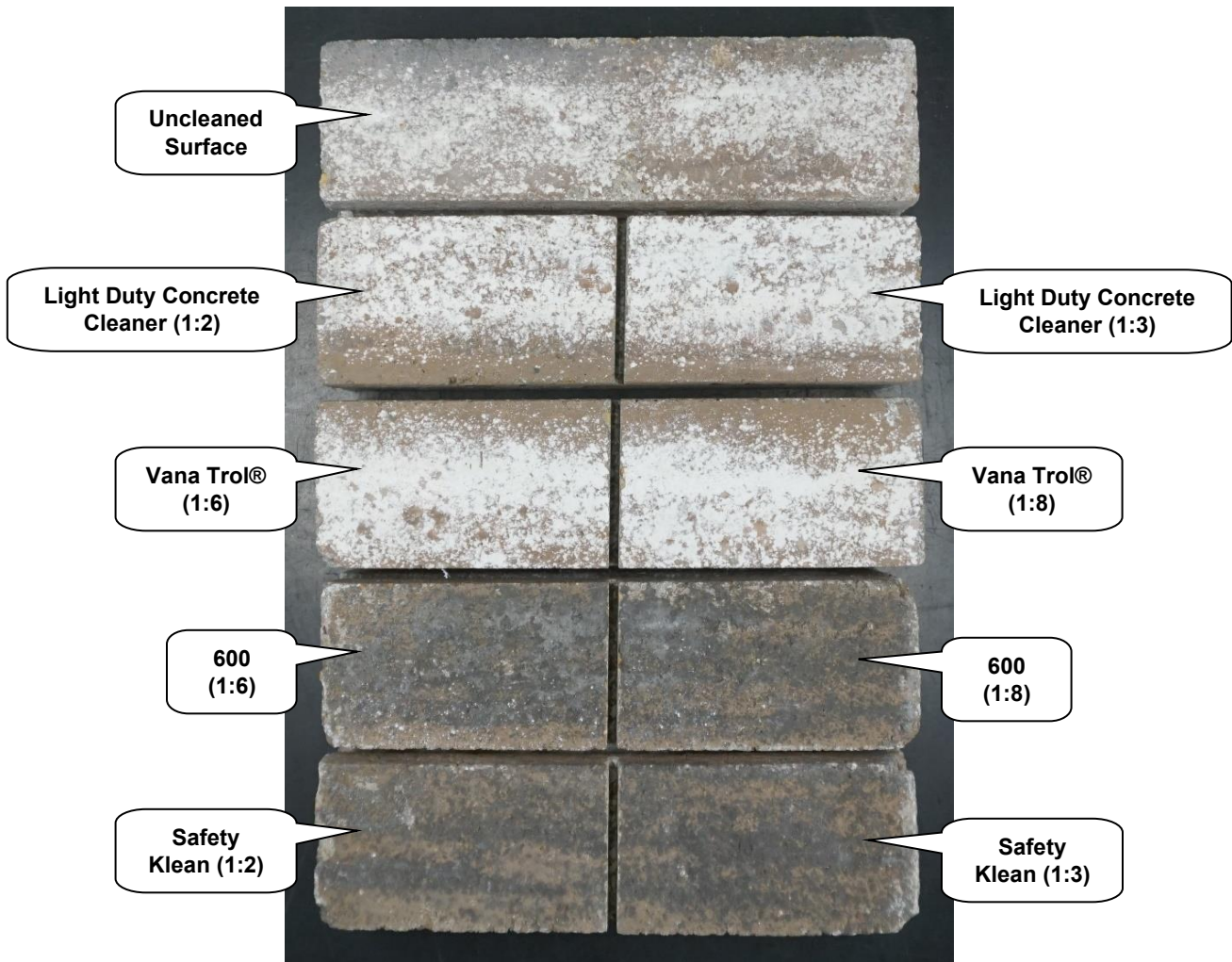


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Westfield" Concrete Brick |          |                    |                                    |
|----------------------------------|----------|--------------------|------------------------------------|
| Product                          | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner      | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner      | 1:3      | 1                  | 1                                  |
| Vana Trol®                       | 1:6      | 1                  | 1                                  |
| Vana Trol®                       | 1:8      | 1                  | 1                                  |
| 600                              | 1:6      | 1                  | 1                                  |
| 600                              | 1:8      | 1                  | 1                                  |
| Safety Klean                     | 1:2      | 1                  | 1                                  |
| Safety Klean                     | 1:3      | 1                  | 1                                  |

**"Westfield" Concrete Brick After Cleaning**

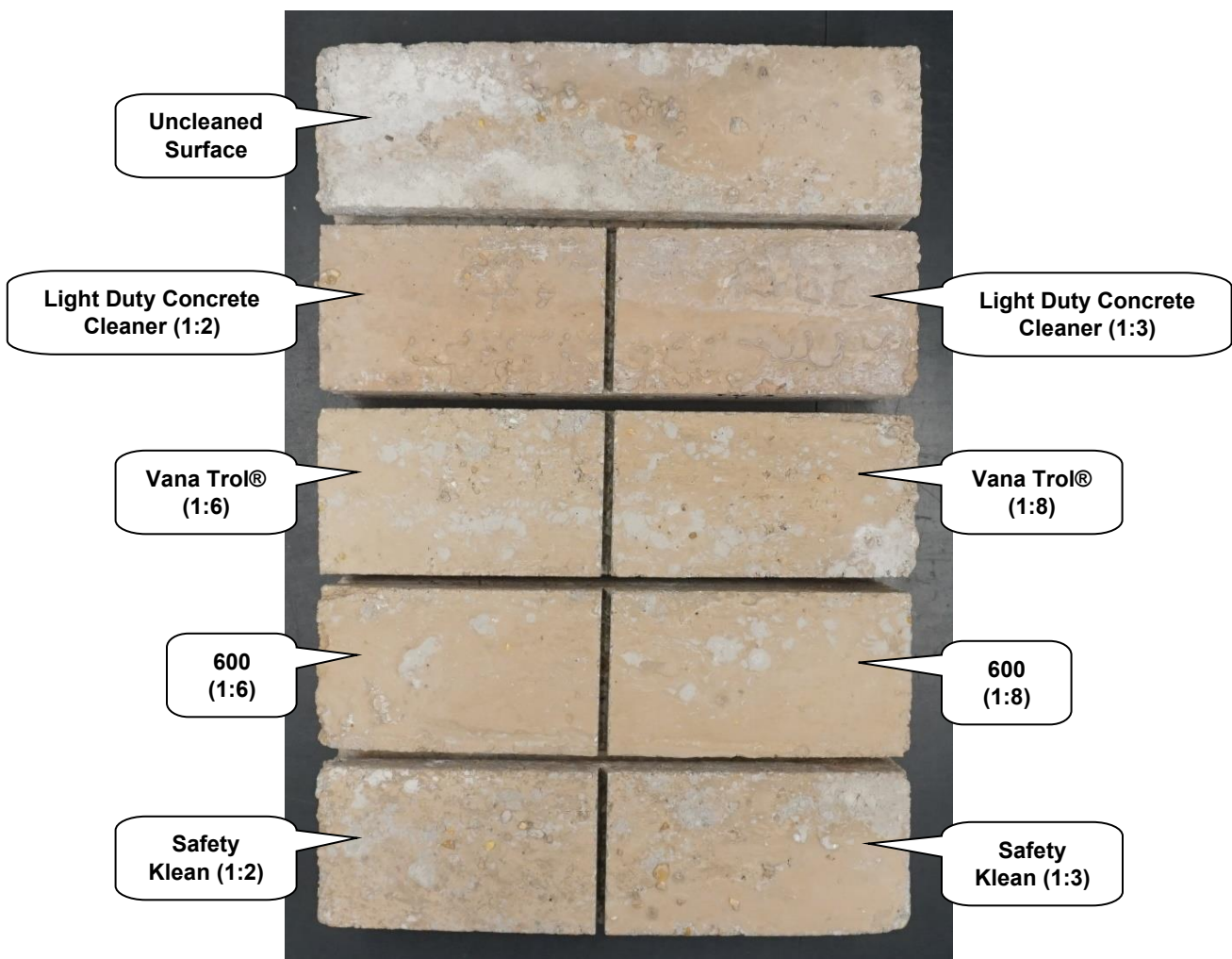


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Sahara" Concrete Brick |          |                    |                                    |
|-------------------------------|----------|--------------------|------------------------------------|
| Product                       | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner   | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner   | 1:3      | 1                  | 1                                  |
| Vana Trol®                    | 1:6      | 1                  | 1                                  |
| Vana Trol®                    | 1:8      | 1                  | 1                                  |
| 600                           | 1:6      | 1                  | 1                                  |
| 600                           | 1:8      | 1                  | 1                                  |
| Safety Klean                  | 1:2      | 1                  | 1                                  |
| Safety Klean                  | 1:3      | 1                  | 1                                  |

**"Sahara" Concrete Brick After Cleaning**

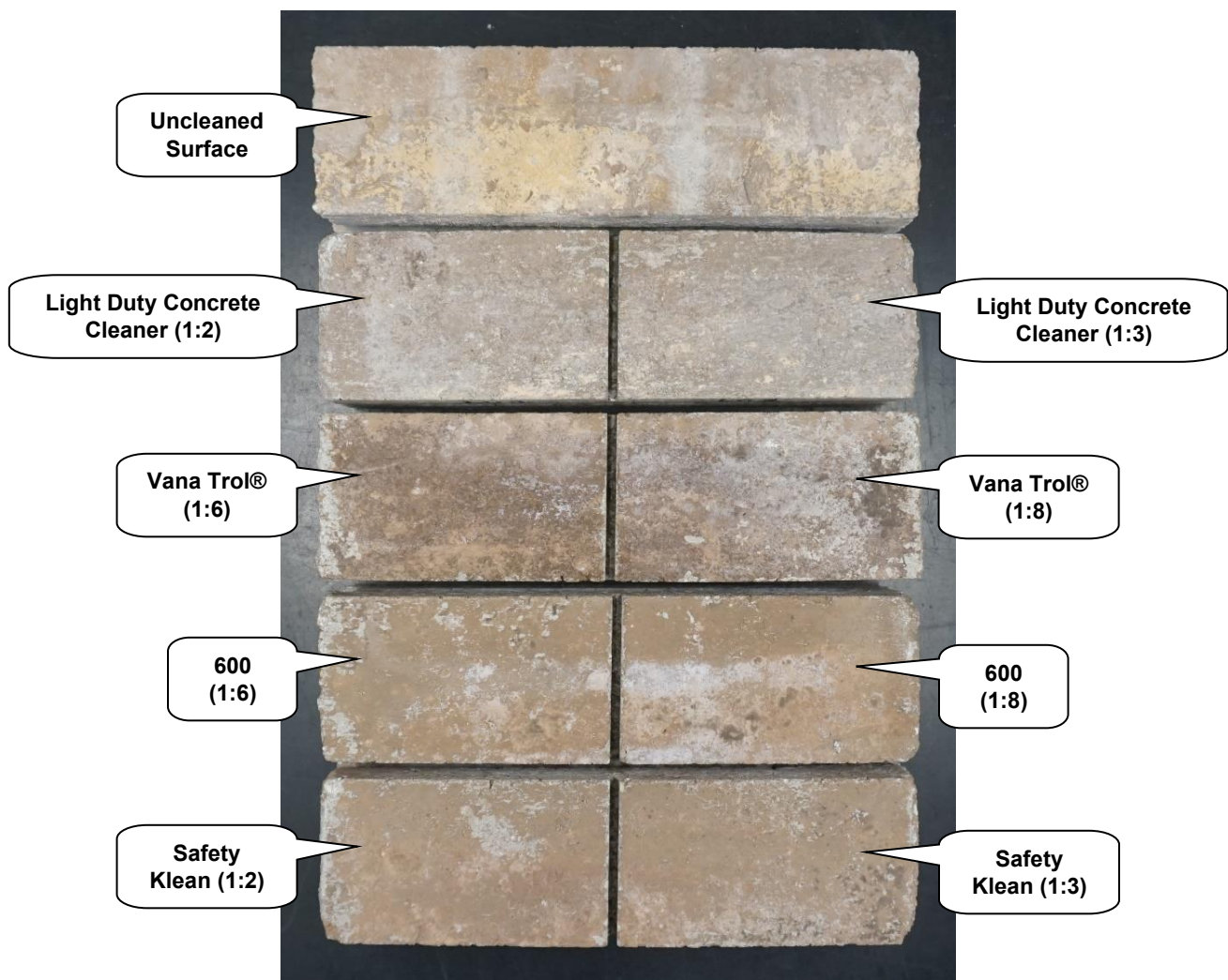


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Rhodes" Concrete Brick |          |                    |                                    |
|-------------------------------|----------|--------------------|------------------------------------|
| Product                       | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner   | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner   | 1:3      | 1                  | 1                                  |
| Vana Trol®                    | 1:6      | 2                  | 2                                  |
| Vana Trol®                    | 1:8      | 1                  | 1                                  |
| 600                           | 1:6      | 2                  | 2                                  |
| 600                           | 1:8      | 1                  | 1                                  |
| Safety Klean                  | 1:2      | 2                  | 2                                  |
| Safety Klean                  | 1:3      | 1                  | 1                                  |

**"Rhodes" Concrete Brick After Cleaning**

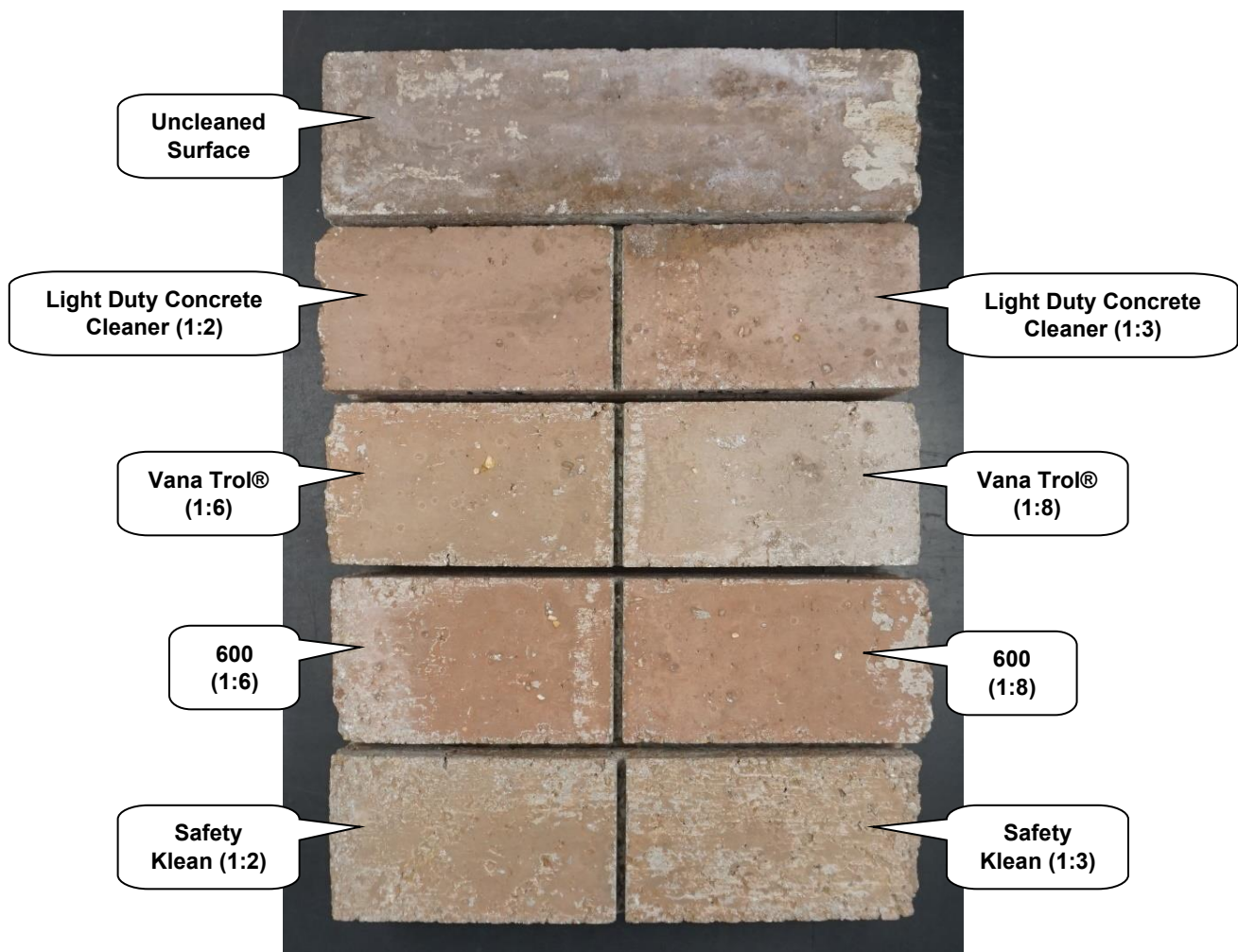


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Majestic" Concrete Brick |          |                    |                                    |
|---------------------------------|----------|--------------------|------------------------------------|
| Product                         | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner     | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner     | 1:3      | 1                  | 1                                  |
| Vana Trol®                      | 1:6      | 2                  | 2                                  |
| Vana Trol®                      | 1:8      | 1                  | 1                                  |
| 600                             | 1:6      | 2                  | 2                                  |
| 600                             | 1:8      | 1                  | 1                                  |
| Safety Klean                    | 1:2      | 2                  | 2                                  |
| Safety Klean                    | 1:3      | 1                  | 1                                  |

**"Majestic" Concrete Brick After Cleaning**

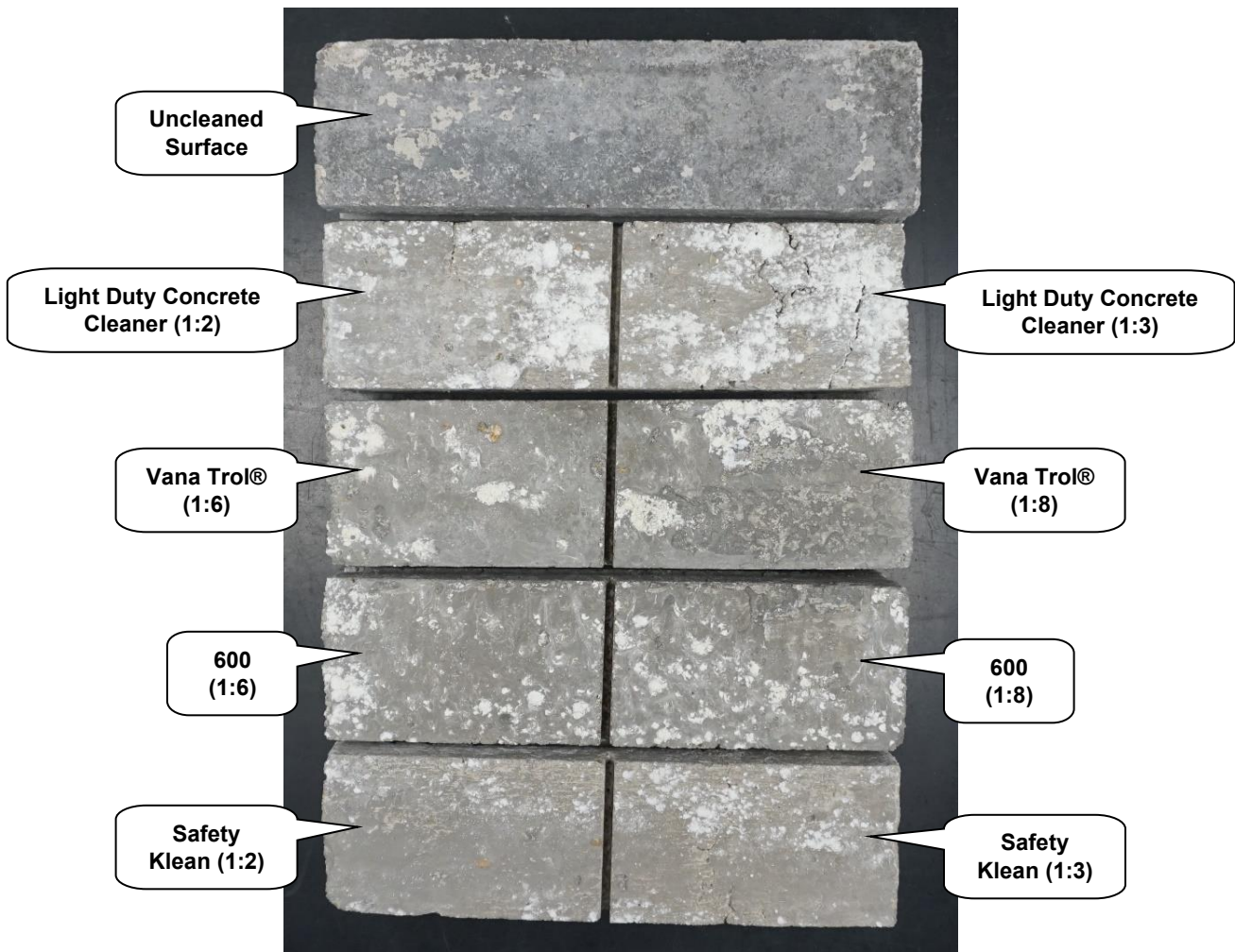


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Gettysburg" Concrete Brick |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product                           | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner       | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner       | 1:3      | 1                  | 1                                  |
| Vana Trol®                        | 1:6      | 2                  | 2                                  |
| Vana Trol®                        | 1:8      | 1                  | 1                                  |
| 600                               | 1:6      | 2                  | 2                                  |
| 600                               | 1:8      | 1                  | 1                                  |
| Safety Klean                      | 1:2      | 2                  | 2                                  |
| Safety Klean                      | 1:3      | 1                  | 1                                  |

**"Gettysburg" Concrete Brick After Cleaning**

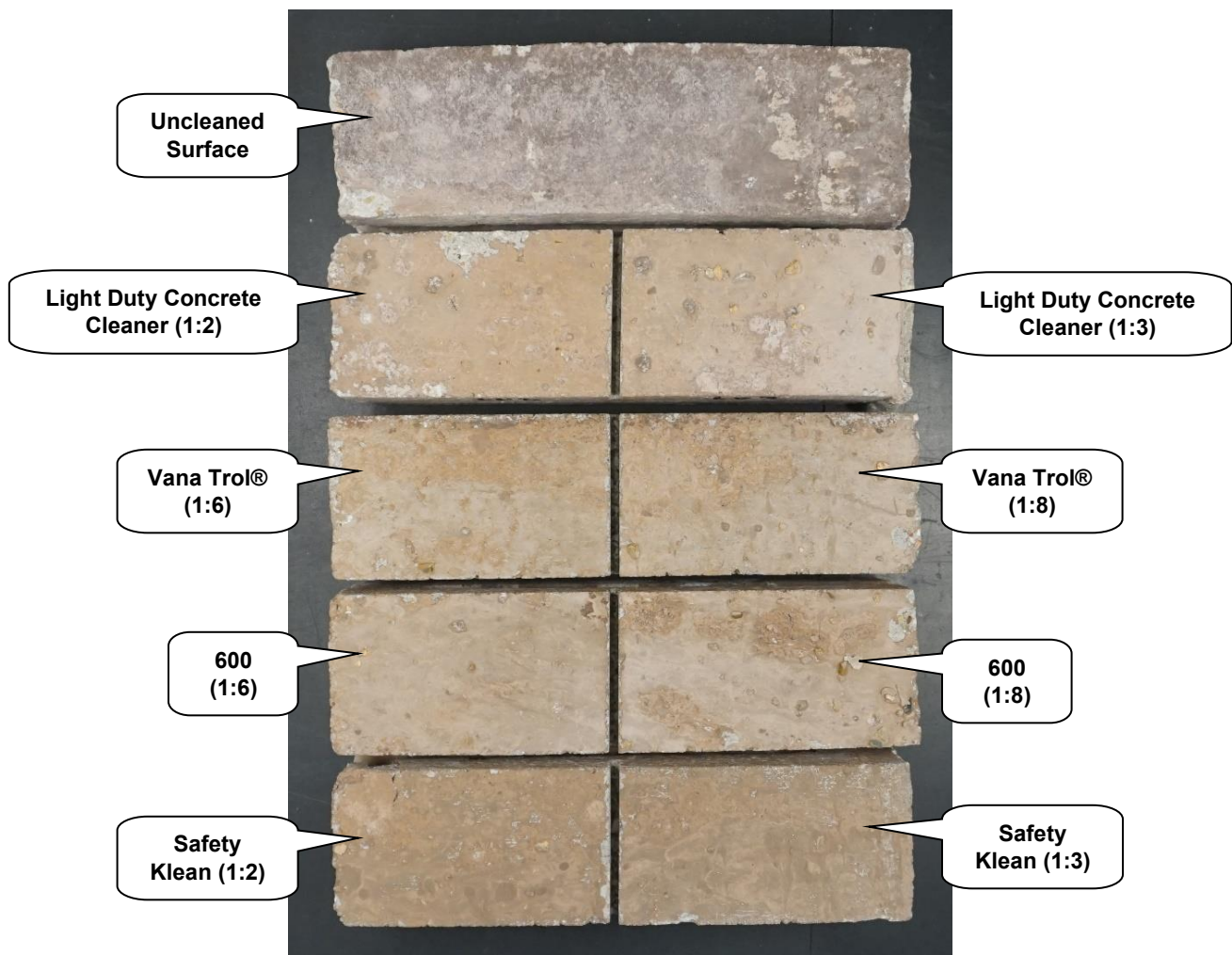


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Georgetown" Concrete Brick |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product                           | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner       | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner       | 1:3      | 1                  | 1                                  |
| Vana Trol®                        | 1:6      | 2                  | 2                                  |
| Vana Trol®                        | 1:8      | 1                  | 1                                  |
| 600                               | 1:6      | 2                  | 2                                  |
| 600                               | 1:8      | 1                  | 1                                  |
| Safety Klean                      | 1:2      | 2                  | 2                                  |
| Safety Klean                      | 1:3      | 1                  | 1                                  |

**"Georgetown" Concrete Brick After Cleaning**

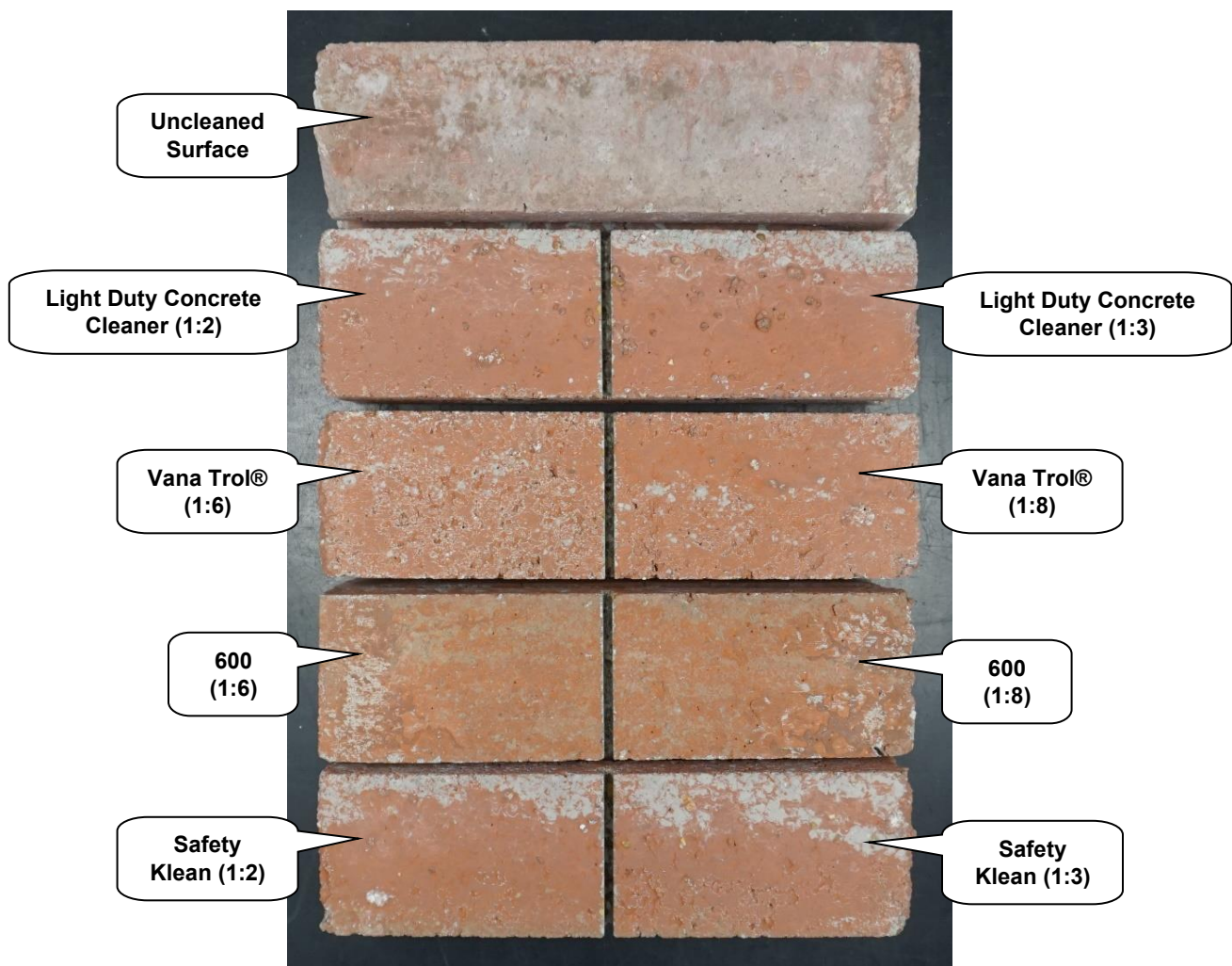


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Edinburgh" Concrete Brick |          |                    |                                    |
|----------------------------------|----------|--------------------|------------------------------------|
| Product                          | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner      | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner      | 1:3      | 1                  | 1                                  |
| Vana Trol®                       | 1:6      | 2                  | 2                                  |
| Vana Trol®                       | 1:8      | 1                  | 1                                  |
| 600                              | 1:6      | 2                  | 2                                  |
| 600                              | 1:8      | 2                  | 2                                  |
| Safety Klean                     | 1:2      | 2                  | 2                                  |
| Safety Klean                     | 1:3      | 1                  | 1                                  |

**"Edinburgh" Concrete Brick After Cleaning**

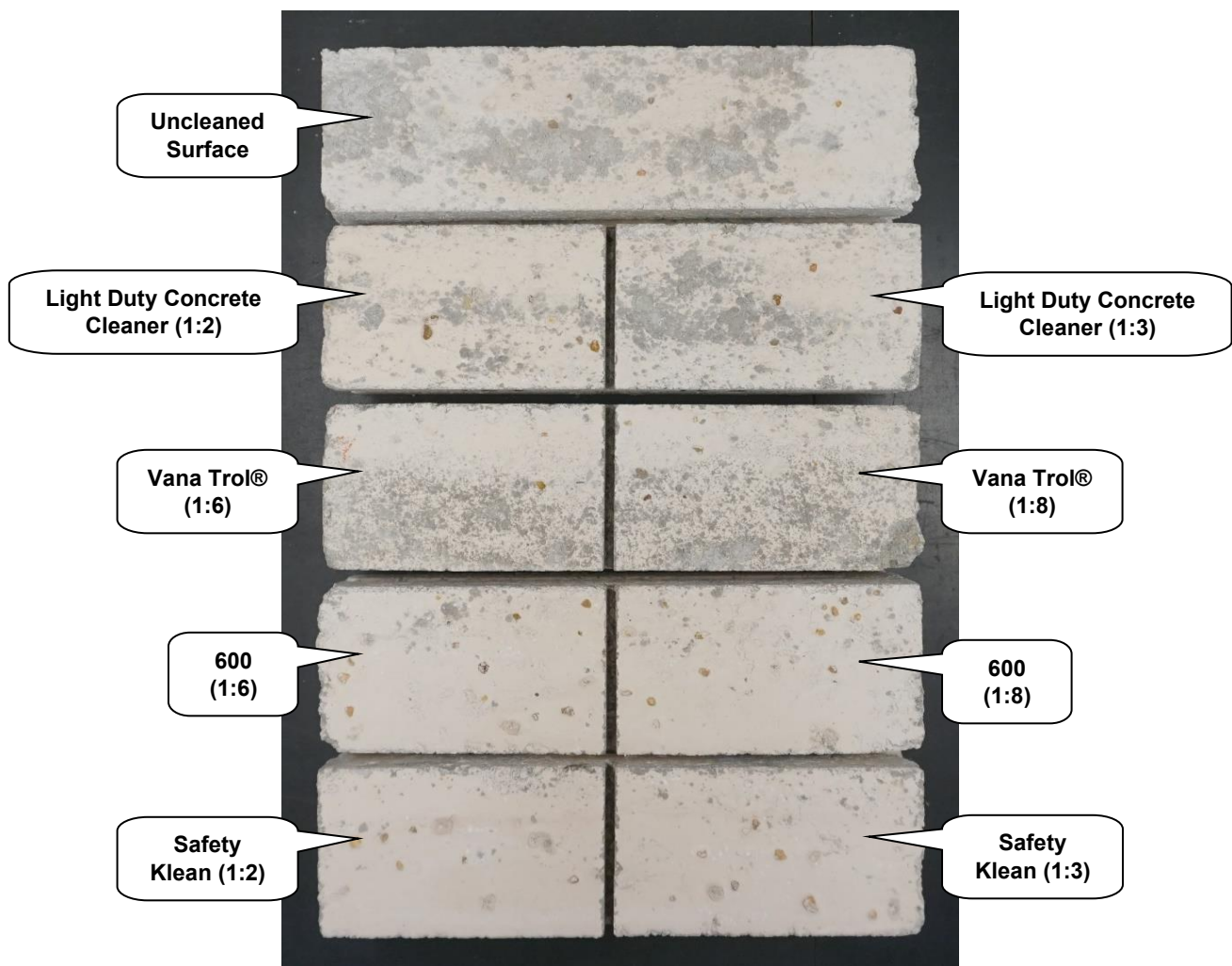


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Bristol" Concrete Brick |          |                    |                                    |
|--------------------------------|----------|--------------------|------------------------------------|
| Product                        | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner    | 1:2      | 1                  | 1                                  |
| Light Duty Concrete Cleaner    | 1:3      | 1                  | 1                                  |
| Vana Trol®                     | 1:6      | 1                  | 1                                  |
| Vana Trol®                     | 1:8      | 1                  | 1                                  |
| 600                            | 1:6      | 1                  | 1                                  |
| 600                            | 1:8      | 1                  | 1                                  |
| Safety Klean                   | 1:2      | 1                  | 1                                  |
| Safety Klean                   | 1:3      | 1                  | 1                                  |

**"Bristol" Concrete Brick After Cleaning**

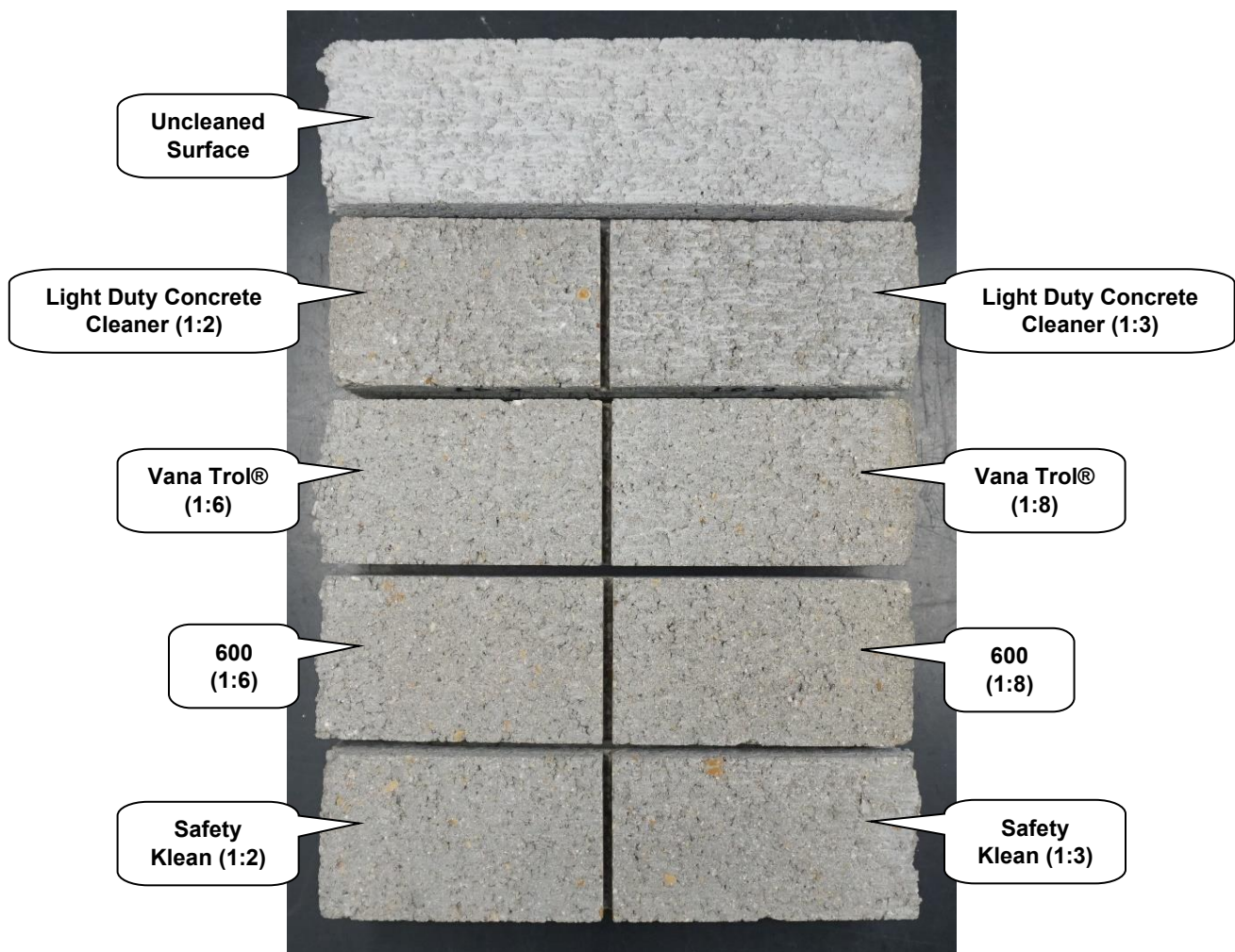


Note: The significant change in appearance is due to the natural variation in surface finish, as previously noted on page 3.

**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Bilco Gray" Concrete Brick |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product                           | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner       | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner       | 1:3      | 1                  | 1                                  |
| Vana Trol®                        | 1:6      | 2                  | 2                                  |
| Vana Trol®                        | 1:8      | 1                  | 1                                  |
| 600                               | 1:6      | 2                  | 2                                  |
| 600                               | 1:8      | 2                  | 2                                  |
| Safety Klean                      | 1:2      | 2                  | 2                                  |
| Safety Klean                      | 1:3      | 1                  | 1                                  |

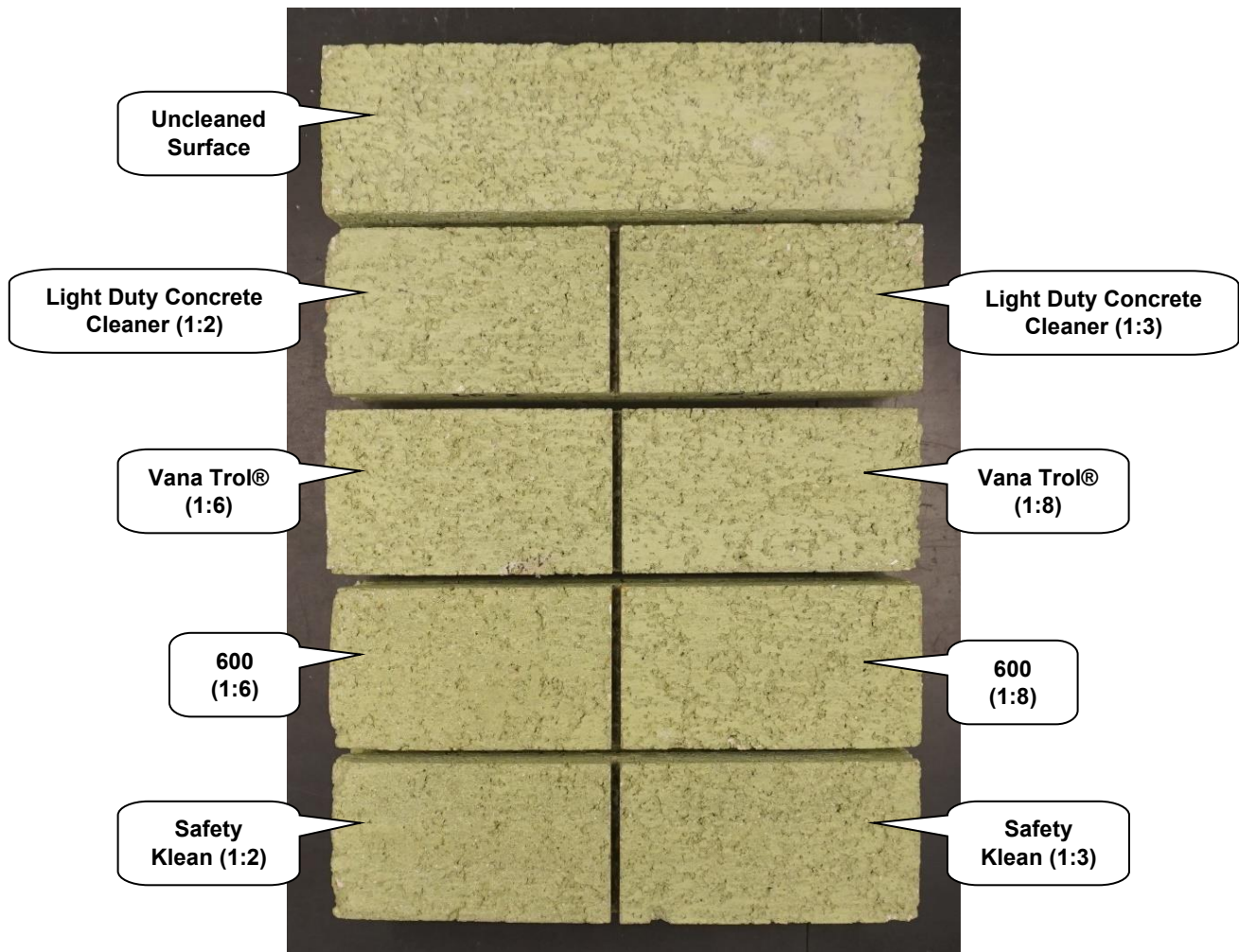
**"Bilco Gray" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Lime Green" Concrete Brick |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product                           | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner       | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner       | 1:3      | 1                  | 1                                  |
| Vana Trol®                        | 1:6      | 2                  | 2                                  |
| Vana Trol®                        | 1:8      | 1                  | 1                                  |
| 600                               | 1:6      | 2                  | 2                                  |
| 600                               | 1:8      | 1                  | 1                                  |
| Safety Klean                      | 1:2      | 2                  | 2                                  |
| Safety Klean                      | 1:3      | 1                  | 1                                  |

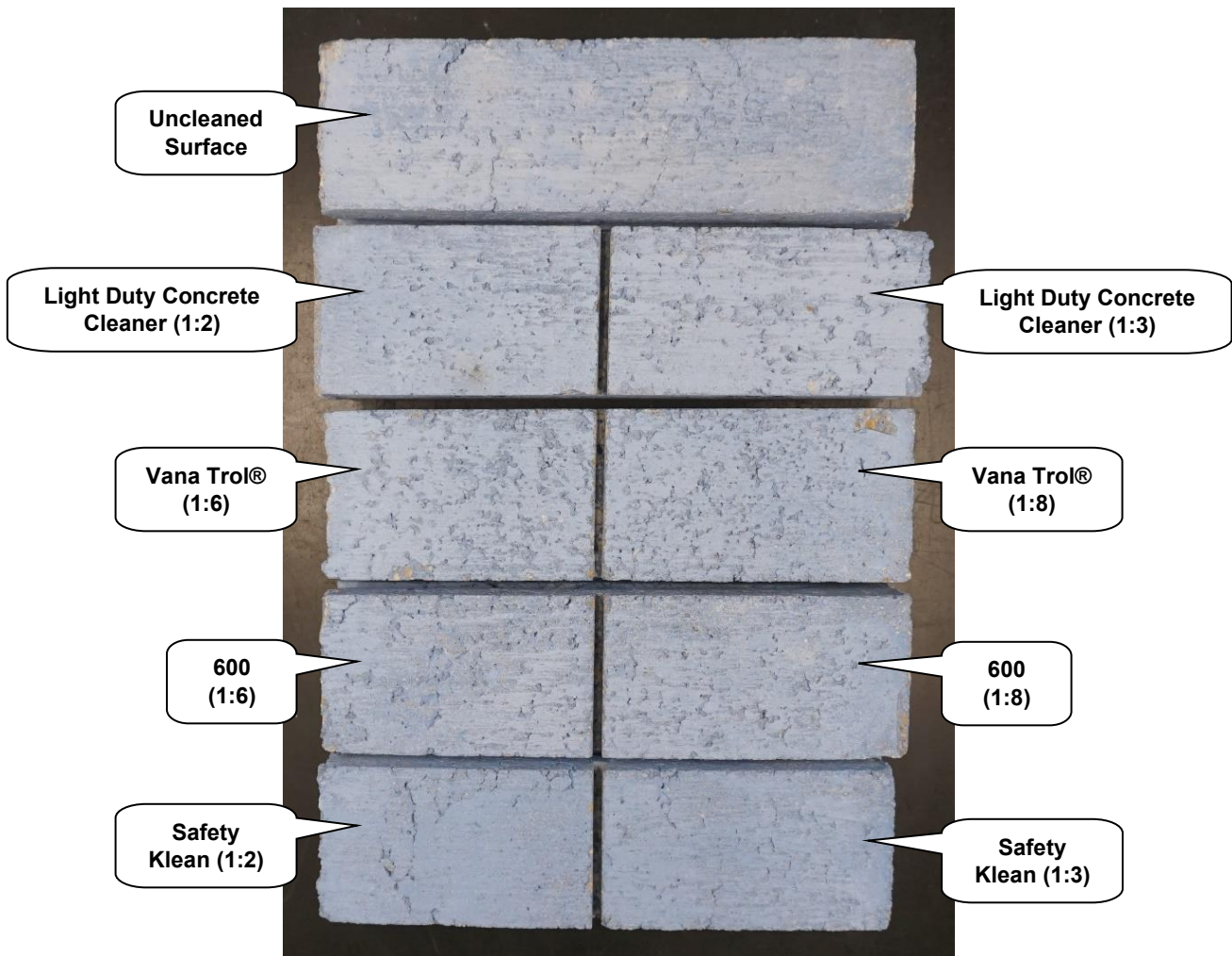
**"Lime Green" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Caribbean Blue" Concrete Brick |          |                    |                                    |
|---------------------------------------|----------|--------------------|------------------------------------|
| Product                               | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner           | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner           | 1:3      | 1                  | 1                                  |
| Vana Trol®                            | 1:6      | 2                  | 2                                  |
| Vana Trol®                            | 1:8      | 1                  | 1                                  |
| 600                                   | 1:6      | 2                  | 2                                  |
| 600                                   | 1:8      | 2                  | 2                                  |
| Safety Klean                          | 1:2      | 2                  | 2                                  |
| Safety Klean                          | 1:3      | 1                  | 1                                  |

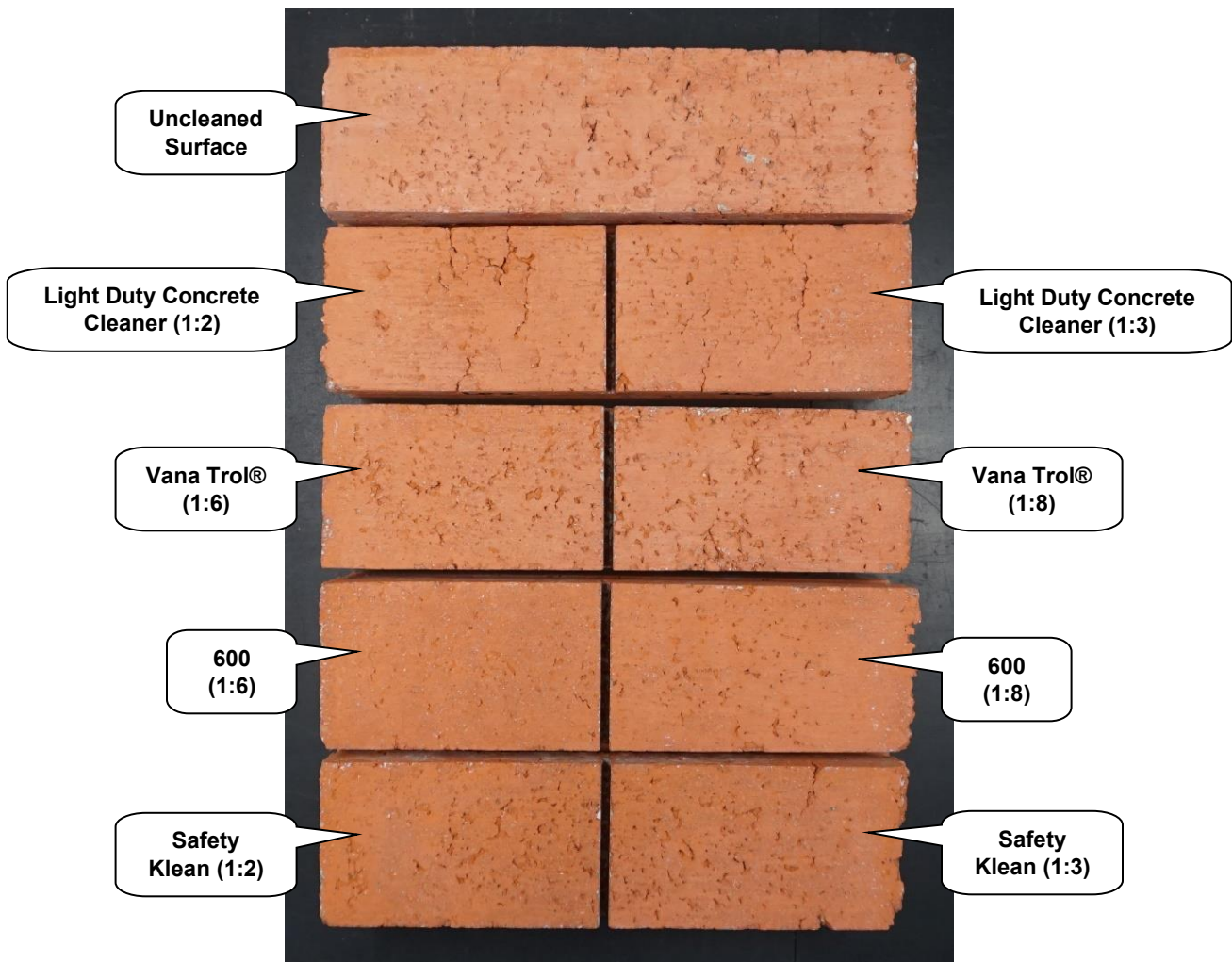
**"Caribbean Blue" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Longhorn Orange" Concrete Brick |          |                    |                                    |
|--|----------|--------------------|------------------------------------|
| Product                                | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner            | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner            | 1:3      | 1                  | 1                                  |
| Vana Trol®                             | 1:6      | 2                  | 2                                  |
| Vana Trol®                             | 1:8      | 1                  | 1                                  |
| 600                                    | 1:6      | 2                  | 2                                  |
| 600                                    | 1:8      | 1                  | 1                                  |
| Safety Klean                           | 1:2      | 2                  | 2                                  |
| Safety Klean                           | 1:3      | 2                  | 2                                  |

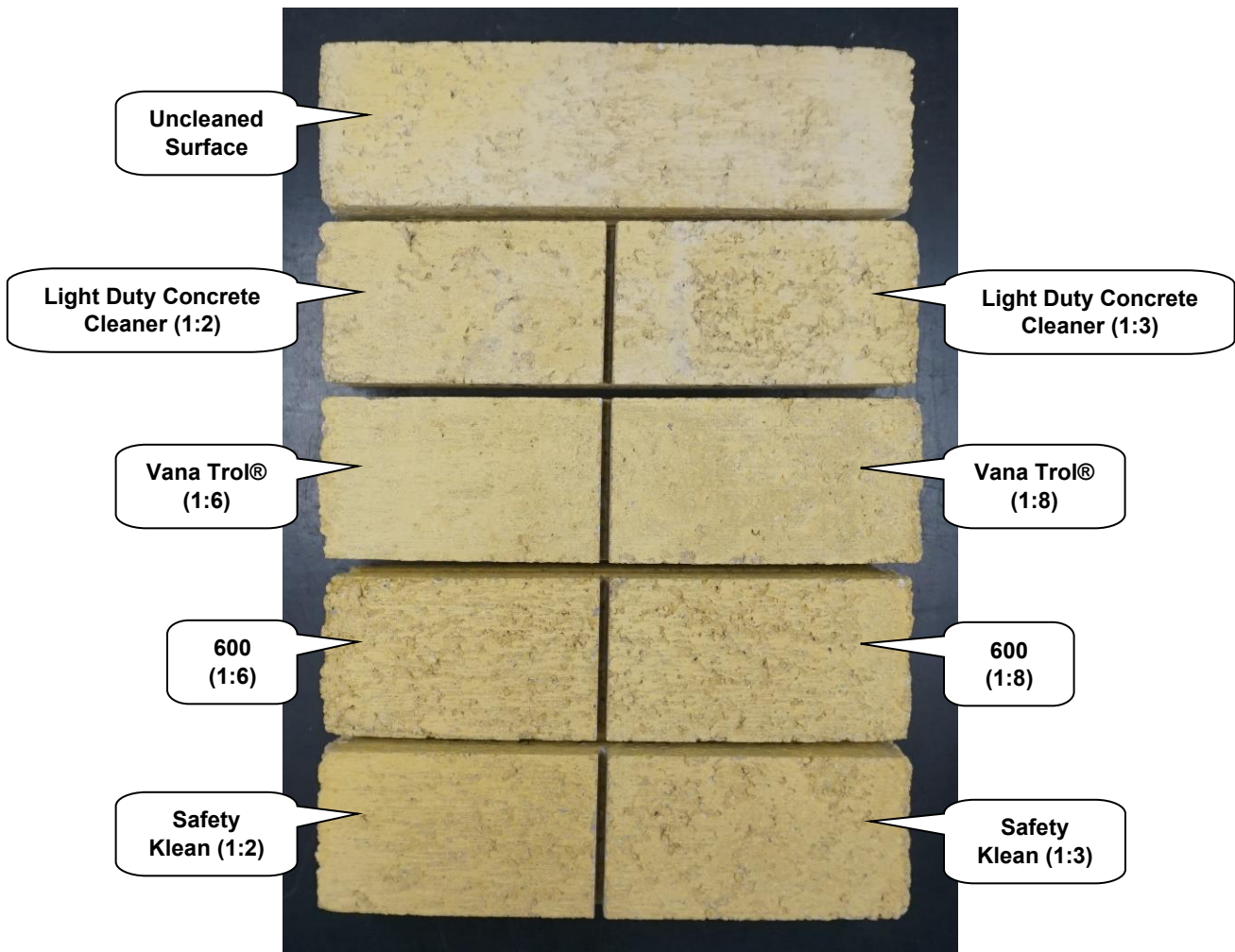
**"Longhorn Orange" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

| Name: "Mustard Yellow" Concrete Brick |          |                    |                                    |
|---------------------------------------|----------|--------------------|------------------------------------|
| Product                               | Dilution | Aggregate Exposure | Surface Pigment Alteration/Removal |
| Light Duty Concrete Cleaner           | 1:2      | 2                  | 2                                  |
| Light Duty Concrete Cleaner           | 1:3      | 1                  | 1                                  |
| Vana Trol®                            | 1:6      | 2                  | 2                                  |
| Vana Trol®                            | 1:8      | 2                  | 2                                  |
| 600                                   | 1:6      | 2                  | 2                                  |
| 600                                   | 1:8      | 2                  | 2                                  |
| Safety Klean                          | 1:2      | 2                  | 2                                  |
| Safety Klean                          | 1:3      | 2                  | 2                                  |

**"Mustard Yellow" Concrete Brick After Cleaning**



## **CONCLUSIONS: New Construction Cleaning**

In all of the cleaning tests conducted, the four new construction cleaners resulted in a slight to moderate amount of surface pigment removal, exposing a slight to moderate amount of aggregate in the submitted concrete brick.

When choosing the most appropriate product for the desired result:

- For common construction and atmospheric staining – Test Sure Klean® Light Duty Concrete Cleaner
- For colored mortar and new masonry surfaces that are subject to vanadium, manganese, and other metallic stains – test Sure Klean® Vana Trol®
- For a general purpose, concentrated acidic cleaner – test Sure Klean® 600
- For an effective, safe alternative to traditional acidic compounds – test Enviro Klean® Safety Klean

It is recommended that the selected cleaners always be used in the lowest possible concentration. Apply all products in accordance with the manufacturer's recommendations 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.

### RECOMMENDATIONS: New Construction Cleaning

Recommendations for cleaning the concrete brick submitted by Bilco Brick, Lancaster, TX are provided in the chart below. Recommendations are based on the cleaner and dilution that provided the best match to the uncleaned surface.

| Sample                          | New Construction Cleaning  |
|---------------------------------|--|
| "Stardust" Concrete Brick       | Sure Klean® Light Duty Concrete Cleaner (1:2) or (1:3)<br>OR<br>Sure Klean® Vana Trol® (1:6) or (1:8)<br>OR<br>Sure Klean® 600 (1:6) or (1:8)<br>OR<br>Enviro Klean® Safety Klean (1:2) or (1:3)   |
| "Winter Ash" Concrete Brick     |  |
| "Everest" Concrete Brick        |  |
| "Chestnut" Concrete Brick       |  |
| "Camel" Concrete Brick          |  |
| "Onyx" Concrete Brick           |  |
| "Gray Mist" Concrete Brick      |  |
| "Graystone" Concrete Brick      |  |
| "Wheaton" Concrete Brick        |  |
| "Dartford" Concrete Brick       |  |
| "Westfield" Concrete Brick      |  |
| "Sahara" Concrete Brick         |  |
| "Bristol" Concrete Brick        |  |
| "Mountain Peak" Concrete Brick  | Sure Klean® Light Duty Concrete Cleaner <sup>2</sup> (1:2) or <sup>1</sup> (1:3)<br>OR<br>Sure Klean® Vana Trol® <sup>2</sup> (1:6) or <sup>1</sup> (1:8)<br>OR<br>Sure Klean® 600 <sup>2</sup> (1:6) or <sup>2</sup> (1:8)<br>OR<br>Enviro Klean® Safety Klean <sup>2</sup> (1:2) or <sup>1</sup> (1:3) |
| "Frost" Concrete Brick          |  |
| "Scottsdale" Concrete Brick     |  |
| "Phoenix" Concrete Brick        |  |
| "Dune" Concrete Brick           |  |
| "Adobe" Concrete Brick          |  |
| "Eclipse" Concrete Brick        |  |
| "Williamsburg" Concrete Brick   |  |
| "Edinburgh" Concrete Brick      |  |
| "Bilco Gray" Concrete Brick     |  |
| "Caribbean Blue" Concrete Brick |  |

NOTE: "1" indicates the recommended first choice and "2" indicates the recommend second choice.

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.

**RECOMMENDATIONS: New Construction Cleaning (cont.)**

Recommendations for cleaning the concrete brick submitted by Bilco Brick, Lancaster, TX are provided in the chart below. Recommendations are based on the cleaner and dilution that provided the best match to the uncleaned surface.

| Sample                           | New Construction Cleaning  |
|----------------------------------|--|
| "Pinehurst" Concrete Brick       | Sure Klean® Light Duty Concrete Cleaner <sup>1</sup> (1:2) or <sup>1</sup> (1:3)<br>OR<br>Sure Klean® Vana Trol® <sup>2</sup> (1:6) or <sup>1</sup> (1:8)<br>OR<br>Sure Klean® 600 <sup>2</sup> (1:6) or <sup>2</sup> (1:8)<br>OR<br>Enviro Klean® Safety Klean <sup>2</sup> (1:2) or <sup>2</sup> (1:3) |
| "Rhodes" Concrete Brick          | Sure Klean® Light Duty Concrete Cleaner <sup>2</sup> (1:2) or <sup>1</sup> (1:3)<br>OR<br>Sure Klean® Vana Trol® <sup>2</sup> (1:6) or <sup>1</sup> (1:8)<br>OR<br>Sure Klean® 600 <sup>2</sup> (1:6) or <sup>1</sup> (1:8)<br>OR<br>Enviro Klean® Safety Klean <sup>2</sup> (1:2) or <sup>1</sup> (1:3) |
| "Majestic" Concrete Brick        |  |
| "Gettysburg" Concrete Brick      |  |
| "Georgetown" Concrete Brick      |  |
| "Lime Green" Concrete Brick      |  |
| "Longhorn Orange" Concrete Brick | Sure Klean® Light Duty Concrete Cleaner <sup>2</sup> (1:2) or <sup>1</sup> (1:3)<br>OR<br>Sure Klean® Vana Trol® <sup>2</sup> (1:6) or <sup>1</sup> (1:8)<br>OR<br>Sure Klean® 600 <sup>2</sup> (1:6) or <sup>1</sup> (1:8)<br>OR<br>Enviro Klean® Safety Klean <sup>2</sup> (1:2) or <sup>2</sup> (1:3) |
| "Mustard Yellow" Concrete Brick  | Sure Klean® Light Duty Concrete Cleaner <sup>2</sup> (1:2) or <sup>1</sup> (1:3)<br>OR<br>Sure Klean® Vana Trol® <sup>2</sup> (1:6) or <sup>2</sup> (1:8)<br>OR<br>Sure Klean® 600 <sup>2</sup> (1:6) or <sup>2</sup> (1:8)<br>OR<br>Enviro Klean® Safety Klean <sup>2</sup> (1:2) or <sup>2</sup> (1:3) |

NOTE: "1" indicates the recommended first choice and "2" indicates the recommend second choice.

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.

**TEST METHODS: Adverse Effects**

Enviro Klean® 2010 All Surface Cleaner and Enviro Klean® Klean 'N Release Cleaner were evaluated to determine if either of the cleaners cause any adverse effects when used on the submitted concrete brick. The samples were visually examined following the procedure below based on the following:

**Surface Finish Removal** is the visual examination of the sample comparing the surface finish of the uncleaned surface to the surface finish cleaned with selected product(s).

**Substrate Deterioration** is the visual examination of the sample comparing the uncleaned surface to surfaces cleaned with selected product(s) for any potential erosion/digestion of the sample.

**Color Change** is the visual examination comparing the color of the uncleaned surface to the color of surfaces cleaned with selected product(s).

**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 both categories:

- 0 – **No change** compared to uncleaned surface
- 1 – **Slight change** compared to uncleaned surface
- 2 – **Moderate change** compared to uncleaned surface
- 3 – **Significant change** compared to uncleaned surface

**Cleaning Procedure:**

1. Pre-wet the surface and apply diluted cleaning solution according to PROSOCO, Inc. Product Data Sheet.
2. Allow for an appropriate dwell time and periodically agitate:  
2010 All Surface Cleaner ..... 10 minutes  
Klean 'N Release Cleaner ..... 10 minutes
3. Reapply cleaning solution; do not let cleaner dry into the brick.
4. Rinse thoroughly with plenty of fresh water.\*
5. Allow the sample to dry for at least 18 hours and visually examine.
6. Compare the uncleaned surfaces to the cleaned surfaces for the best match.

**\*Rinsing Equipment** – Masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 40-degree fan spray tip was used for rinsing.

**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects**

| Name: "Stardust" Concrete Brick |          |                        |                         |              |          |
|---------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                         | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |

**"Stardust" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Mountain Peak" Concrete Brick |          |                        |                         |              |          |
|--------------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                              | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner             | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner             | 1:10     | 0                      | 0                       | 0            | 0        |

**"Mountain Peak" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Frost" Concrete Brick |          |                        |                         |              |          |
|------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                      | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner     | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner     | 1:10     | 0                      | 0                       | 0            | 0        |

**"Frost" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Scottsdale" Concrete Brick |          |                        |                         |              |          |
|-----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                           | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |

**"Scottsdale" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Phoenix" Concrete Brick |          |                        |                         |              |          |
|--------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                        | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner       | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner       | 1:10     | 0                      | 0                       | 0            | 0        |

**"Phoenix" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Dune" Concrete Brick |          |                        |                         |              |          |
|-----------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                     | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner    | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner    | 1:10     | 0                      | 0                       | 0            | 0        |

**"Dune" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Adobe" Concrete Brick |          |                        |                         |              |          |
|------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                      | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner     | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner     | 1:10     | 0                      | 0                       | 0            | 0        |

**"Adobe" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Eclipse" Concrete Brick |          |                        |                         |              |          |
|--------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                        | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner       | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner       | 1:10     | 0                      | 0                       | 0            | 0        |

**"Eclipse" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Winter Ash" Concrete Brick |          |                        |                         |              |          |
|-----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                           | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |

**"Winter Ash" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| <b>Name: "Everest" Concrete Brick</b> |                 |                               |                                |                     |                 |
|---------------------------------------|-----------------|-------------------------------|--------------------------------|---------------------|-----------------|
| <b>Product</b>                        | <b>Dilution</b> | <b>Surface Finish Removal</b> | <b>Substrate Deterioration</b> | <b>Color Change</b> | <b>Staining</b> |
| 2010 All Surface Cleaner              | 1:10            | 0                             | 0                              | 0                   | 0               |
| Klean 'N Release Cleaner              | 1:10            | 0                             | 0                              | 0                   | 0               |

**"Everest" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Chestnut" Concrete Brick |          |                        |                         |              |          |
|---------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                         | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |

**"Chestnut" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Camel" Concrete Brick |          |                        |                         |              |          |
|------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                      | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner     | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner     | 1:10     | 0                      | 0                       | 0            | 0        |

**"Camel" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Onyx" Concrete Brick |          |                        |                         |              |          |
|-----------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                     | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner    | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner    | 1:10     | 0                      | 0                       | 0            | 0        |

**"Onyx" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| <b>Name: "Gray Mist" Concrete Brick</b> |                 |                               |                                |                     |                 |
|---|-----------------|-------------------------------|--------------------------------|---------------------|-----------------|
| <b>Product</b>                          | <b>Dilution</b> | <b>Surface Finish Removal</b> | <b>Substrate Deterioration</b> | <b>Color Change</b> | <b>Staining</b> |
| 2010 All Surface Cleaner                | 1:10            | 0                             | 0                              | 0                   | 0               |
| Klean 'N Release Cleaner                | 1:10            | 0                             | 0                              | 0                   | 0               |

**"Gray Mist" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| <b>Name: "Graystone" Concrete Brick</b> |                 |                               |                                |                     |                 |
|---|-----------------|-------------------------------|--------------------------------|---------------------|-----------------|
| <b>Product</b>                          | <b>Dilution</b> | <b>Surface Finish Removal</b> | <b>Substrate Deterioration</b> | <b>Color Change</b> | <b>Staining</b> |
| 2010 All Surface Cleaner                | 1:10            | 0                             | 0                              | 0                   | 0               |
| Klean 'N Release Cleaner                | 1:10            | 0                             | 0                              | 0                   | 0               |

**"Graystone" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| <b>Name: "Wheaton" Concrete Brick</b> |                 |                               |                                |                     |                 |
|---------------------------------------|-----------------|-------------------------------|--------------------------------|---------------------|-----------------|
| <b>Product</b>                        | <b>Dilution</b> | <b>Surface Finish Removal</b> | <b>Substrate Deterioration</b> | <b>Color Change</b> | <b>Staining</b> |
| 2010 All Surface Cleaner              | 1:10            | 0                             | 0                              | 0                   | 0               |
| Klean 'N Release Cleaner              | 1:10            | 0                             | 0                              | 0                   | 0               |

**"Wheaton" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Dartford" Concrete Brick |          |                        |                         |              |          |
|---------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                         | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |

**"Dartford" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Pinehurst" Concrete Brick |          |                        |                         |              |          |
|----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                          | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner         | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner         | 1:10     | 0                      | 0                       | 0            | 0        |

**"Pinehurst" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Williamsburg" Concrete Brick |          |                        |                         |              |          |
|-------------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                             | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner            | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner            | 1:10     | 0                      | 0                       | 0            | 0        |

**"Williamsburg" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| <b>Name: "Westfield" Concrete Brick</b> |                 |                               |                                |                     |                 |
|---|-----------------|-------------------------------|--------------------------------|---------------------|-----------------|
| <b>Product</b>                          | <b>Dilution</b> | <b>Surface Finish Removal</b> | <b>Substrate Deterioration</b> | <b>Color Change</b> | <b>Staining</b> |
| 2010 All Surface Cleaner                | 1:10            | 0                             | 0                              | 0                   | 0               |
| Klean 'N Release Cleaner                | 1:10            | 0                             | 0                              | 0                   | 0               |

**"Westfield" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Sahara" Concrete Brick |          |                        |                         |              |          |
|-------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                       | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner      | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner      | 1:10     | 0                      | 0                       | 0            | 0        |

**"Sahara" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Rhodes" Concrete Brick |          |                        |                         |              |          |
|-------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                       | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner      | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner      | 1:10     | 0                      | 0                       | 0            | 0        |

**"Rhodes" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Majestic" Concrete Brick |          |                        |                         |              |          |
|---------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                         | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner        | 1:10     | 0                      | 0                       | 0            | 0        |

**"Majestic" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Gettysburg" Concrete Brick |          |                        |                         |              |          |
|-----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                           | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |

**"Gettysburg" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Georgetown" Concrete Brick |          |                        |                         |              |          |
|-----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                           | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |

**"Georgetown" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Edinburgh" Concrete Brick |          |                        |                         |              |          |
|----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                          | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner         | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner         | 1:10     | 0                      | 0                       | 0            | 0        |

**"Edinburgh" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Bristol" Concrete Brick |          |                        |                         |              |          |
|--------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                        | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner       | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner       | 1:10     | 0                      | 0                       | 0            | 0        |

**"Bristol" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Bilco Gray" Concrete Brick |          |                        |                         |              |          |
|-----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                           | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |

**"Bilco Gray" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Lime Green" Concrete Brick |          |                        |                         |              |          |
|-----------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                           | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner          | 1:10     | 0                      | 0                       | 0            | 0        |

**"Lime Green" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Caribbean Blue" Concrete Brick |          |                        |                         |              |          |
|---------------------------------------|----------|------------------------|-------------------------|--------------|----------|
| Product                               | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner              | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner              | 1:10     | 0                      | 0                       | 0            | 0        |

**"Caribbean Blue" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| Name: "Longhorn Orange" Concrete Brick |          |                        |                         |              |          |
|--|----------|------------------------|-------------------------|--------------|----------|
| Product                                | Dilution | Surface Finish Removal | Substrate Deterioration | Color Change | Staining |
| 2010 All Surface Cleaner               | 1:10     | 0                      | 0                       | 0            | 0        |
| Klean 'N Release Cleaner               | 1:10     | 0                      | 0                       | 0            | 0        |

**"Longhorn Orange" Concrete Brick After Cleaning**



**TEST RESULTS AND PHOTOGRAPHS: Adverse Effects (cont.)**

| <b>Name: "Mustard Yellow" Concrete Brick</b> |                 |                               |                                |                     |                 |
|--|-----------------|-------------------------------|--------------------------------|---------------------|-----------------|
| <b>Product</b>                               | <b>Dilution</b> | <b>Surface Finish Removal</b> | <b>Substrate Deterioration</b> | <b>Color Change</b> | <b>Staining</b> |
| 2010 All Surface Cleaner                     | 1:10            | 0                             | 0                              | 0                   | 0               |
| Klean 'N Release Cleaner                     | 1:10            | 0                             | 0                              | 0                   | 0               |

**"Mustard Yellow" Concrete Brick After Cleaning**



## **CONCLUSIONS: Adverse Effects**

In all of the adverse effects tests conducted, neither Enviro Klean® 2010 All Surface Cleaner® nor Enviro Klean® Klean 'N Release Cleaner resulted in any change to the appearance of the submitted concrete brick.

When choosing the most appropriate product for the desired result:

- For cleaning and degreasing light-to-heavily soiled concrete – test Enviro Klean® 2010 All Surface Cleaner®
- For delicate substrates and all-purpose cleaning – test Enviro Klean® Klean 'N Release Cleaner

It is recommended that the selected cleaners always be used in the lowest possible concentration. Apply all products in accordance with the manufacturer's recommendations 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.

**RECOMMENDATIONS: Adverse Effects**

Recommendations for cleaning the concrete brick submitted by Bilco Brick, Lancaster, TX are provided in the chart below.

| Sample                         | Maintenance Cleaning   |
|--------------------------------|--|
| "Stardust" Concrete Brick      | 2010 All Surface Cleaner (1:10)<br>OR<br>Klean 'N Release Cleaner (1:10) |
| "Mountain Peak" Concrete Brick |  |
| "Frost" Concrete Brick         |  |
| "Scottsdale" Concrete Brick    |  |
| "Phoenix" Concrete Brick       |  |
| "Dune" Concrete Brick          |  |
| "Adobe" Concrete Brick         |  |
| "Eclipse" Concrete Brick       |  |
| "Winter Ash" Concrete Brick    |  |
| "Everest" Concrete Brick       |  |
| "Chestnut" Concrete Brick      |  |
| "Camel" Concrete Brick         |  |
| "Onyx" Concrete Brick          |  |
| "Gray Mist" Concrete Brick     |  |
| "Graystone" Concrete Brick     |  |
| "Wheaton" Concrete Brick       |  |

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.

**RECOMMENDATIONS: Adverse Effects (cont.)**

Recommendations for cleaning the concrete brick submitted by Bilco Brick, Lancaster, TX are provided in the chart below.

| Sample                           | Maintenance Cleaning   |
|----------------------------------|--|
| "Dartford" Concrete Brick        | 2010 All Surface Cleaner (1:10)<br>OR<br>Klean 'N Release Cleaner (1:10) |
| "Pinehurst" Concrete Brick       |  |
| "Williamsburg" Concrete Brick    |  |
| "Westfield" Concrete Brick       |  |
| "Sahara" Concrete Brick          |  |
| "Rhodes" Concrete Brick          |  |
| "Majestic" Concrete Brick        |  |
| "Gettysburg" Concrete Brick      |  |
| "Georgetown" Concrete Brick      |  |
| "Edinburgh" Concrete Brick       |  |
| "Bristol" Concrete Brick         |  |
| "Bilco Gray" Concrete Brick      |  |
| "Lime Green" Concrete Brick      |  |
| "Caribbean Blue" Concrete Brick  |  |
| "Longhorn Orange" Concrete Brick |  |
| "Mustard Yellow" Concrete Brick  |  |

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.



J. Lucas Comadoll  
Chemist

**ALL SAMPLES SUPPLIED FOR THE ABOVE EVALUATION WILL BE DISPOSED OF THIRTY (30) DAYS AFTER THE ISSUE DATE OF THIS REPORT. IF SAMPLES ARE TO BE RETAINED FOR ADDITIONAL TESTING OR RETURNED TO THE SENDER, PROVIDE WRITTEN INSTRUCTIONS TO THE LABORATORY WITHIN THIRTY (30) DAYS OF THE ISSUE DATE OF THIS REPORT.**

Recommendations made within this report are based on laboratory test applications and observations. Final determination of the suitability of a product and/or procedure should be made only after thorough job testing on actual surfaces.