



# PALLET CARD PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 10

## SECTION B – SURFACE ALTERATIONS

### DESCRIPTION OF PRODUCTS EVALUATED – Surface Alterations

**Sure Klean® Vana Trof®** – A concentrated acidic cleaner for new masonry surfaces that are subject to vanadium, manganese, and other metallic stains. Can be used on most light colored brick, natural stone, and cast stone.

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

### TEST METHOD – Surface Alterations

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

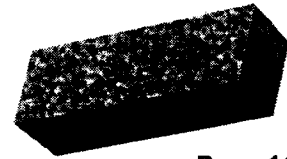
1. Pre-wet the surface with water.
2. Apply the cleaner.
3. Allow the appropriate dwell time, as specified.
 

Vana Trof® .....	5 minutes
Burnished Custom Masonry Cleaner.....	5 minutes
4. Pressure rinse thoroughly.\*

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



# PALLET CARD PROGRAM LABORATORY REPORT



**PROSOCO, Inc.**

Page 11

**Test Results – Surface Alterations**

<b>Substrate: "Wisconsin Castle Rock (Gray Buff)"</b>		<b>Pigment Color: Gray, Buff</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	1	0	0	0
Burnished Custom Masonry Clnr	1:3	1	0	0	0
<b>Substrate: "Wisconsin Castle Rock (Full Color)"</b>		<b>Pigment Color: Red, Tan</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	1	0	0	0
Burnished Custom Masonry Clnr	1:3	1	0	0	0
<b>Substrate: "Chilton Rustic"</b>		<b>Pigment Color: Red, Brown</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	3	0	3	0
Burnished Custom Masonry Clnr	1:3	3	0	3	0
<b>Substrate: "Chilton Country Squire"</b>		<b>Pigment Color: Gray</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	0	0	0	0
Burnished Custom Masonry Clnr	1:3	0	0	0	0
<b>Substrate: "Fond du Lac Castle Rock"</b>		<b>Pigment Color: Gray</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	1	0	0	0
Burnished Custom Masonry Clnr	1:3	1	0	0	0
<b>Substrate: "Fond du Lac Rustic"</b>		<b>Pigment Color: Orange, Brown</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	0	0	0	0
Burnished Custom Masonry Clnr	1:3	0	0	0	0
<b>Substrate: "Fond du Lac Country Squire"</b>		<b>Pigment Color: Gray</b>			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:10	0	0	0	0
Burnished Custom Masonry Clnr	1:3	0	0	0	0

0 – no change  
1 – slight change  
2 – moderate change

3 – heavy change  
4 – excessive change



## PALLET CARD PROGRAM LABORATORY REPORT



PROSOCO, Inc.

Page 12

---

### CONCLUSIONS – Surface Alterations

Test results indicate both Sure Klean® Vana Trof® and Sure Klean® Burnished Custom Masonry Cleaner removed heavy amounts of the surface finish from the veneer type “Chilton Rustic”. The cleaners only removed slight amounts of the surface pigment from the other veneer types.

It is also recommended that the selected cleaners always be used in the lowest possible concentration, typically a 1:10 dilution for Sure Klean® Vana Trof® and a 1:3 dilution for Sure Klean® Burnished Custom Masonry Cleaner. To facilitate easier removal of excess mortar and construction dirt while minimizing any surface finish removal, rinse with low pressure (garden hose strength), and clean within 3 days of construction.

**NOTE:** See Attachment #1 “PHOTO A”.

---

### RECOMMENDATIONS – Surface Alterations

Based on these evaluations, both Sure Klean® Vana Trof® and Sure Klean® Burnished Custom Masonry Cleaner can be recommended for all dolomitic limestone veneer samples submitted by Buechel Stone Corporation, Chilton, WI. To minimize any surface finish removal on the submitted dolomitic limestone veneer samples, particularly “Chilton Rustic”, cleaners should be used in the lowest possible concentration. Rinse thoroughly with low water pressure, garden hose strength, to minimize removal of the surface finish. Conduct all cleaning within three days of soiling to facilitate easier removal of excess mortar and construction dirt.

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.