



**PROSOCO**

# LEED GUIDE

to PROSOCO's coatings, sealants, & cleaners



# WELCOME TO LEED V4

**The U.S. Green Building Council** (USGBC) LEED green building rating system is a useful tool for creating high-performance assemblies and buildings.

**LEED v4** propels us forward with a credit system that rewards integrative design, enhanced commissioning, low-emitting materials, and materials transparency and optimization. LEED 2009 now includes alternative conformance pathways, allowing LEED v4-optimized products and designs.

**PROSOCO** is proud to provide LEED v4-ready solutions to help create low-impact, robust wall and floor assemblies for efficient buildings that owners and occupants will love.



38,600 commercial projects certified



2,000 K-12 projects certified



4,100 higher education projects certified



3,550 government projects certified

\*statistics from USGBC, as of July 2017

# YOUR LEED V4 PARTNER

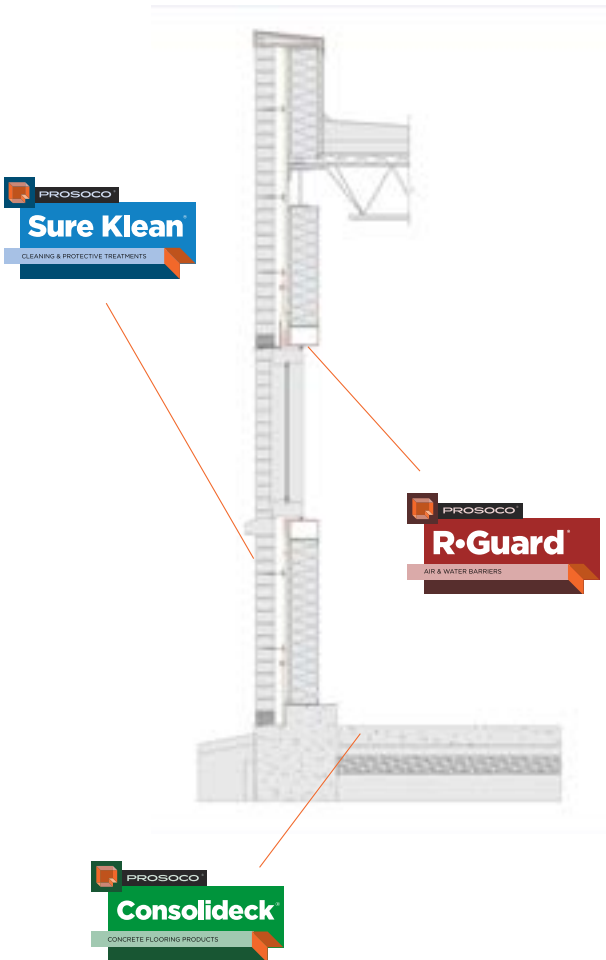
**Contributing directly to product-focused LEED EQ and MR credits,** PROSOCO's core Consolideck and R-Guard products are low-VOC, certified as low-emitting through SCS Indoor Advantage Gold, and equipped with Declare labels or Health Product Declarations® (HPDs). PROSOCO products contribute to enhanced performance of building systems, which helps you make energy-efficient buildings with reduced life cycle impact, facilitates adaptive reuse and **supports your performance-based LEED credit goals.**

**R-Guard for an energy-efficient, water-resistant building envelope.** Controlling the leakage of air is fundamental to an energy-efficient building. Performance-tested and proven to withstand extreme weather conditions, R-Guard-protected buildings are more durable, resilient and sustainable.

**Consolideck for the ultimate sustainable flooring solution.** Compared with synthetic floor coverings, attractive finished concrete floors last longer and cost less to maintain. Consolideck products improve the appearance and performance of new and existing concrete floors, extending their lives and reducing their impact on the environment.

**Sure Klean and more for durable masonry construction and restoration.** Since 1939, PROSOCO has led the industry with products to improve the appearance and prolong the life of newly constructed and existing masonry buildings. PROSOCO continues to push the industry, seeking out safer and more effective technologies to tackle your real-world challenges.

Find LEED submittal information at [prosoco.com/LEED](https://prosoco.com/LEED)  
Learn more about our sustainability efforts at [prosoco.com/sustainability](https://prosoco.com/sustainability)



A photograph of the Nu Skin Innovation Center at dusk. The building features a large glass facade reflecting the sky and surrounding structures. A prominent cylindrical structure is visible on the roof. In the foreground, a landscaped area with greenery and a large, illuminated 'NU SKIN' sign is visible.

## Nu Skin Innovation Center Provo, Utah

**LEED Gold**  
LEED BD+C: New Construction v3 - LEED 2009  
with **R-Guard** air and water barrier system

# AIR & WATER BARRIER LEED CONTRIBUTIONS

PROSOCO's R-Guard air and water-resistive barriers, coatings and sealants support achievement of LEED credits focused on energy efficiency and occupant comfort within the building envelope.

LEED v4 takes a leap forward from LEED 2009 by requiring measured energy performance for certified buildings, not just modeled performance. When energy performance is measured, there is no room for job-site error. Project teams turn to R-Guard products because real-world air-tightness results support uncompromised efficiency in tough job site conditions.

**PROSOCO offers complete new construction and renovation assembly solutions with available documentation for LEED 2009, LEEDv4, WELL and Living Building Challenge conformance.**



## Energy & Atmosphere

### LEED 2009

**EAp2** Minimum Energy Performance\*

**EAc1** Optimize Energy Performance\*

### LEED v4

**EA** Minimum Energy Performance\*

**EA** Optimize Energy Performance\*

## Indoor Environmental Quality

### LEED 2009

**EQc4 (4.1-4.3)** Low-Emitting Materials\*

**EQ** Low-Emitting Materials,  
Exterior Applied Products (S+H)

**EQ 7.1** Thermal Comfort\*

### LEED v4

**EQ** Low-Emitting Materials

**EQ** Thermal Comfort\*

## Materials & Resources

### LEED 2009

**MRc2** Construction Waste Management

**MRc5** Regional Materials (if within 500 m)

### LEED v4

**MR** Building Life Cycle Impact Reduction

**MR** Building Product Disclosure & Optimization

Option 1: Material Ingredient Reporting

**MR** Construction & Demolition Waste Management

\*as part of a high-efficiency air barrier

# AIR & WATER BARRIER GREEN ATTRIBUTES



	Primary Fluid-Applied Air & Water-Resistive Barriers				Air & Water Barrier Accessory Products			
	Cat 5®	Cat 5® Rain Screen	Spray Wrap MVP	Spray Wrap Rain Screen	FastFlash®	Joint & Seam Filler	PorousPrep	AirDam
<b>Certifications &amp; Documentation</b>								
VOC content	<30 g/L	<30 g/L	<18 g/L	<18 g/L	<30 g/L	<30 g/L	<100 g/L	<30 g/L
CARB 2007-Compliant	X	X	X	X	X	X	X	X
SCS IA Gold (meets CDPH v1.2) HPD	X	X			X	X	X	X
Declare-Labeled	X	X			X	X	X	X
LBC Red List Compliance	Red List-Approved	Red List-Approved	Red List-Free*	Red List-Free*	Red List-Free	Red List-Free	Red List-Free	Red List-Free
<b>Program Contribution</b>								
<b>LEED 2009 BD+C: New Construction</b>								
EQ: Low-Emitting Materials	X	X	X	X	X	X	X	X
<b>LEED v4 BD+C: New Construction</b>								
EQ: Low-Emitting Materials	X	X			X	X	X	X
MR: Building Product Disclosure and Optimization: Material Ingredients Option 1	X	X			X	X	X	X
<b>Living Building Challenge</b>								
08. Healthy Materials	X	X			X	X	X	X
10. Red List-Free	X	X	X	X	X	X	X	X
12. Responsible Industry	X	X			X	X	X	X
<b>WELL Building Standard®</b>								
X06 VOC Restrictions	X	X	X	X	X	X	X	X
X07 Materials Transparency	X	X			X	X	X	X
X08 Materials Optimization			X	X	X	X	X	X

\* Red list free affidavit available on request

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## HERE TO HELP

**Guy Long**  
**Air Barrier & Waterproofing**  
**Technical Specialist**

We can show you how to incorporate the PROSOCO R-Guard air and water barrier system into your high-performance building to aid in meeting your long-term energy goals.



## Golden 1 Center Sacramento, California

### LEED Platinum

LEED BD+C: New Construction v3 - LEED 2009  
with **Consolideck** concrete flooring system.





# CONCRETE FLOORING LEED CONTRIBUTIONS

PROSOCO's Consolideck concrete floor finishing products support achievement of LEED credits by helping you create flooring systems with a reduced life cycle impact using low-emitting materials. The Consolideck line includes combination dustproofing/densification products as well as decorative stains and protective coatings.

These products support creation of aesthetically pleasing, high durability, low-maintenance, finished concrete floors without the addition of floor coverings that eventually must be replaced. The system is compatible with in-floor radiant heating systems. Designers can combine color and gloss to increase reflectance and reduce lighting and energy needs, and increase lighting efficiency for the floor assembly. Refurbishing and refinishing supports adaptive reuse of old concrete floors.

**PROSOCO offers complete new construction, renovation and refinishing solutions with available documentation for LEED 2009, LEEDv4, WELL and Living Building Challenge conformance.**



## Energy & Atmosphere

### LEED 2009

**EAp2** Minimum Energy Performance\*

**EAc1** Optimize Energy Performance\*

### LEED v4

**EA** Minimum Energy Performance\*

**EA** Optimize Energy Performance\*

## Indoor Environmental Quality

### LEED 2009

**EQ3** Construction IAQ Management Plan

**EQc4 (4.2)** Low-Emitting Materials

**EQ 7** Thermal Comfort\*

### LEED v4

**EQ** Low-Emitting Materials

**EQ** Thermal Comfort\*

## Materials & Resources

### LEED 2009

**MRc2** Construction Waste Management

**MRc5** Regional Materials (if within 500 m)

### LEED v4

**MR** Building Life Cycle Impact Reduction

**MR** Building Product Disclosure & Optimization

Option 1: Material Ingredient Reporting\*

**MR** Construction & Demolition Waste Management

\*part of a high performance flooring system

# CONCRETE FLOORING GREEN ATTRIBUTES



	Densifiers/Hardeners				Dyes/Stains		Film-Forming Protective Treatments		Penetrating Protective Treatments		
	LS/CS*	LS	Grind-N-Fill	Blended Densifier	Color Hard	GemTone Stain	LSGuard*	Polish Guard	Concrete Protector WB	Concrete Protector SB	Guard EXT
<b>Certifications &amp; Documentation</b>											
VOC content	0 g/L	0 g/L	<100 g/L	0 g/L	<50 g/L	<100 g/L	<100 g/L	<100 g/L	<100 g/L	<100 g/L	<100 g/L
CARB 2007-Compliant	X	X	X	X	X	X	X	X	X	X	X
SCS IA Gold (meets CDPH v1.1)	X	X	X	X	X	X	X	X	X	X	X
HPD	X	X									
Declare-Labeled	X	X	X		X			X			X
LBC Red List Compliance	Red List-Free	Red List-Free	Red List-Free	Red List-Free*	Red List-Approved		Red List-Free*	Red List-Free		Red List-Free*	Red List-Free
<b>Program Contribution</b>											
<b>LEED 2009 BD+C: New Construction</b>											
EQ: Low-Emitting Materials	X	X	X	X	X	X	X	X	X	X	X
<b>LEED v4 BD+C: New Construction</b>											
EQ: Low-Emitting Materials	X	X	X	X	X	X	X	X	X	X	X
MR: Building Product Disclosure and Optimization: Material Ingredients Option 1	X	X	X		X			X			X
<b>Living Building Challenge</b>											
08. Healthy Materials	X	X	X	X	X	X	X	X	X	X	X
10. Red List-Free	X	X	X	X	X	X	X	X			X
12. Responsible Industry	X	X	X		X			X			X
<b>WELL Building Standard*</b>											
X06 VOC Restrictions	X	X	X	X	X	X	X	X	X	X	X
X07 Materials Transparency	X	X	X		X			X			X
X08 Materials Optimization	X	X	X		X			X			X

\* Red List-free affidavit available on request

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## HERE TO HELP

### **Nick Savage** **Concrete Flooring Group Leader**

We have a wide variety of concrete colors and protective treatments to meet your flooring performance and design needs. We're happy to show you how.



# Calaveras County Courthouse

San Andreas, CA

## LEED Gold

LEED BD+C: New Construction v3 - LEED 2009  
masonry protected with **Sure Klean** water repe





# HARD SURFACE CARE LEED CONTRIBUTIONS

Well cared for masonry buildings can last for decades if not centuries, making them emblems of sustainability. PROSOCO's cleaners and protective treatments ensure the beauty and durability of both new and existing masonry buildings.

Maintaining and repurposing masonry buildings reduces the energy use and environmental impact from manufacture of new materials. LEED gives credit for reuse of existing buildings through Building Life Cycle Impact Reduction (v4) as well as Building Reuse & Materials Reuse (2009).

PROSOCO's restoration cleaners, coatings and protective treatments are a complete solution for core and shell restoration and adaptive reuse jobs. While not relevant product categories for product-focused LEED credits, these products provide critical support for achievement of LEED credits for building reuse.

We're continually reformulating our products to make them even safer for workers and the environment while optimizing their performance to get the job done right.

## Indoor Environmental Quality

LEED v4

EQ Low-Emitting Materials, Exterior Applied Products\*

## Materials & Resources

LEED 2009

MRc1 Building Reuse

MRc2 Construction Waste Management

MRc3 Materials Reuse

LEED v4

MR Building Life Cycle Impact Reduction

MR Construction & Demolition Waste Management

MR Materials Reuse



\* product-based (all others are performance-based)

# HARD SURFACE CARE GREEN ATTRIBUTES

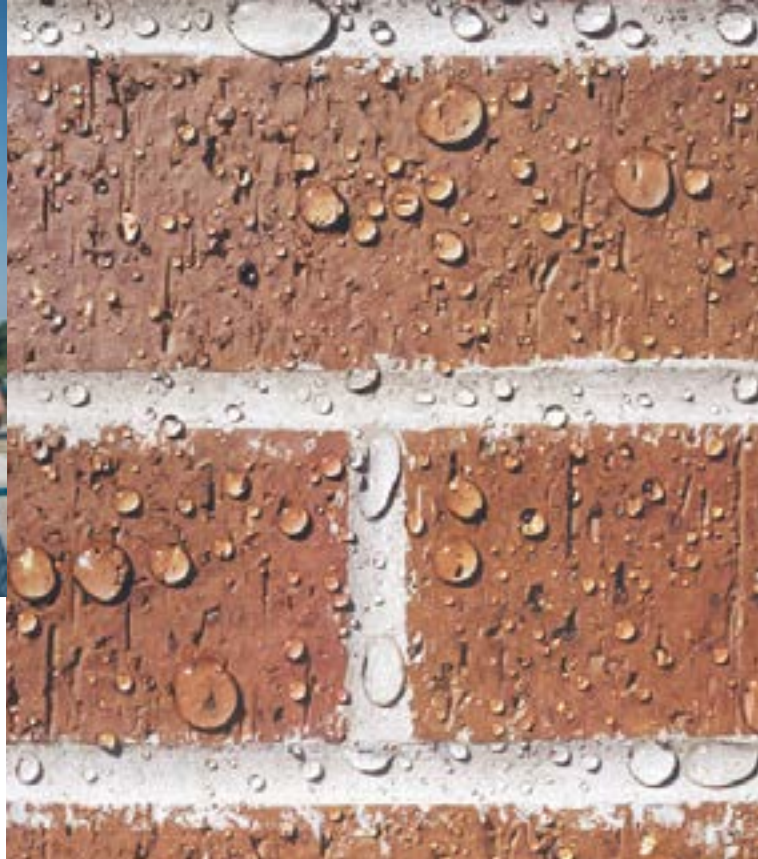


Blok-Guard® & Graffiti Control Ultra  
 Blok-Guard® & Graffiti Control II  
 Natural Stone Treatment WB Plus  
 Siloxane PD  
 Siloxane WB Concentrate  
 Klean N' Release Cleaner  
 Interior Masonry Dustproofers  
 Breathable Masonry Coating (BMC®) II  
 Saltguard WB  
 DailyKlean

Certifications & Documentation										
VOC content	100 g/L maximum	<70 g/L low solids coating	<100 g/L	<30 g/L low solids coating	16-41 g/L (as diluted) low solids coating	<0.1%	<100 g/L	<100 g/L		
CARB 2007-Compliant	X	X	X	X	X	X	X	X	X	X
SCS IA Gold (meets CDPH v1.1)		X			X		X	X		
HPD		X								
Declare-Labeled		X								
LBC Red List Compliance			Red List-Free*	Red List-Free*	Red List-Free*		Red List-Free*		Red List-Free*	
EPA Safer Choice										X
Program Contribution										
LEED 2009 BD+C: New Construction										
EQ: Low-Emitting Materials	X	X	X	X	X	X	X	X	X	X
LEED v4 BD+C: New Construction										
EQ: Low-Emitting Materials										
MR: Building Product Disclosure and Optimization: Material Ingredients Option 1		X			X		X			
Living Building Challenge										
08. Healthy Materials										
10. Red List-Free			X	X	X		X		X	
12. Responsible Industry										
WELL Building Standard®										
X06 VOC Restrictions		X			X		X	X		
X07 Materials Transparency										
X08 Materials Optimization										

\* Red List-free affidavit available on request

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## HERE TO HELP

**Colleen Peters**  
**Product Support Specialist**

Chemistry matters. We know the unique chemistry of every masonry substrate, and how to properly clean and protect each one. Ask us how and we can point you to the right product for your project.



## ENKA INTERMEDIATE SCHOOL Asheville, North Carolina

**LEED Gold**  
finished and maintained with **Consolideck** concrete  
flooring system.







## LEED O+M READY

### Consolideck DailyKlean

Interior cleaning products with  
EPA Safer Choice certification



## LEED O+M READY

### Consolideck concrete floor finishing system

Permanently installed products with  
Indoor Advantage Gold certification



## LEED SUPPORTIVE

### Sure Klean masonry cleaners

Exterior masonry cleaning products are outside of LEED  
O+M scope, but support building reuse.

# PROSOCO & LEED O+M:EB

It's not just how we build that matters. The products we use every day impact our health and environment. The LEED O+M rating system rewards use of safer products for daily cleaning, maintenance and renovation, supporting the health of building occupants during daily occupied use and tenant turnover.

LEED O+M has different credits for regularly used cleaning products versus for permanently installed products used in long-term maintenance and renovation.

Products for exterior use are outside the scope of LEED O+M, but help to ensure the lasting beauty of your building.

## Materials & Resources

### LEED 2009

#### MRC3 Sustainable Purchasing

(for permanently installed products)\*

#### EQc3.3 Cleaning products (use v4 version)

(for cleaners)\*

### LEED v4

Purchasing - facility maintenance and renovation\*

EQ Green cleaning - products and materials\*

\* product-based (all others are performance-based)



## RESIDENTIAL

### 1301 New York Passive House

LEED Platinum

with **R-Guard** air and water barrier system.

## SCHOOLS

### Fites Center - Valparaiso University

LEED Platinum

with **Consolideck** concrete flooring system.



## BUILDING RESTORATION

### Todd Bolender Center for Dance and Creativity

LEED Gold

exterior cleaning with **Sure Klean** masonry cleaners.

# LEED & BEYOND

PROSOCO's focus on high-performance construction and green building materials doesn't stop with LEED.

Our products are used on some of the highest-performing buildings in the world that have attained recognition in a variety of programs. While there are certainly differences, many of the basic principles of high-performance green construction spans across programs: an airtight building envelope; transparent disclosure of material contents; low-emitting interior products; uncompromising performance.

Whatever your building performance goals, whether you're working toward LEED, Living Building Challenge, Passive House, WELL, or another building standard, PROSOCO is committed to working with you to meet your needs..

## HERE TO HELP

We know our products better than anyone and can assist in your green building documentation. Give us a call, we're happy to answer all of your questions.

**Kay Johnson, LEED GA,**  
Sustainability & Environmental Manager



**Alex Boyer, WELL AP,**  
Sustainability Specialist



### US CAPITOL

Washington, D.C.

exterior masonry cleaned and protected with **Sure Klean** cleaners, coatings and protective treatments.



### BULLITT CENTER

Seattle, Wash.

Living Building Challenge certified with **Consolideck** concrete flooring system and **R-Guard** air and waterproof barrier system.



### WHITEHALL APARTMENTS

Spring City, Pa.

Multi-family built to Passive House efficiency levels with **R-Guard** air and waterproof barrier system

# SOME MANUFACTURERS TALK SUSTAINABILITY & TRANSPARENCY. WE LIVE IT.

## LEEDv4-ready documentation



PROSOCO's LEED product information for submittals contains everything you need in one place.



Certified to meet North America's strictest indoor air emission criteria.

**Declare.**

"The ingredients label for building products."



Ensuring that transparency and ingredient disclosure are fundamental to doing business in the materials ecosystem.

## We are active participants and supporters of



## Our products can be found in the following databases



The Health Product Declaration® logo is a registered trademark of HPD Collaborative.