

A modern bathroom interior featuring a long vanity with a light-colored countertop and dark cabinetry. A large, vibrant living wall with various green plants is visible in the background. The ceiling has recessed lighting, and the floor is made of light-colored tiles. The overall aesthetic is clean and contemporary.

Sustainability Updates

LEED v4 vs LEED v4.1
and
WELL v1.0 vs WELL v2.0

Presenters



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Sloan Valve Company
Franklin Park, IL



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Franklin Park, IL

Agenda

This presentation will cover:

- What information does this training build upon?
- LEED v4.0 vs LEED v4.1?
- WELL v1.0 vs WELL v2.0
- Additional resources
- Summary and Q&A

What we will not cover today:

- Aspects outside of commercial plumbing

NOTE: This presentation does not qualify for CEU credits

What We Are Building Upon...



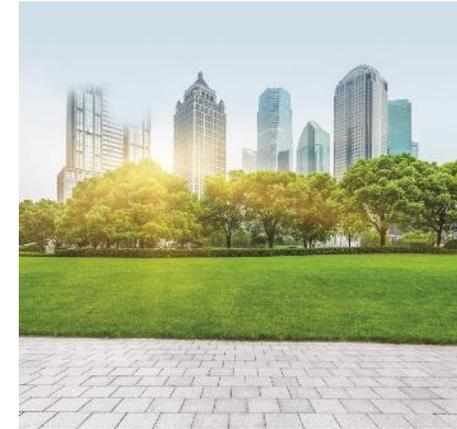
[Water Conservation and Sloan Commercial Restroom Products](#)

Presented on: Thursday, 08/27/2020



[WELL and Sloan Commercial Restroom Products](#)

Presented on: Thursday, 07/30/2020



[Sustainability and Sloan Commercial Restroom Products](#)

Presented on: Thursday, 07/16/2020

Sloan Sustainability Partners

Click a logo
to learn more



WaterSense

Partnering with the Environmental Protection Agency's WaterSense program to educate on the importance of water efficiency and to provide high-performing, water-efficient products that proudly carry the Watersense label.



USGBC

Partnering to help change the way buildings and communities are designed, built and operated for maximum efficiency and sustainability.



AWE

Advocating for water efficient products and programs, responsible legislation, and providing information and assistance on water conservation efforts.



IAPMO

Partnering to strengthen scientific research in all aspects of plumbing design and analysis and strengthening product testing and certification.



The Water Council

Partners in freshwater research, innovation, education and business development.



CUWCC

Partnering to integrate urban water conservation Best Management Practices into the planning and management of California's water resources.



ASPE

Partnering with the technical and scientific experts in plumbing design and engineering to foster comprehensive solutions and sustainable systems.



Alliance for Water Stewardship

We partner with the Alliance for Water Stewardship to promote the responsible use of freshwater that is socially and economically beneficial and environmentally sustainable.

EXCITING
NEWS
COMING
SOON

A modern office interior featuring a prominent staircase with a glass railing and a meeting room with large windows. The scene is brightly lit, showcasing a clean and professional environment.

LEED v4.1

[Sloan Case Study – USGBC HQ, Washington DC](#)

LEED Versions, Frameworks, & Levels

1998 LEED v1

Obsolete

2000 LEED v2

Obsolete

2009 LEED v3

Registered before October 31, 2016 and
Completed before June 30, 2022

2013 LEED v4

Registered after October 31, 2016

2019 LEED 4.1



BD&C (110 points)
Building Design &
Construction



ID+C (110 points)
Interior Design &
Construction



O+M (100 points)
Building Operation &
Maintenance



**Neighborhood
Development**



Homes



Certified
40-49 points



Silver
50-59 points



Gold
60 to 79 points



Platinum
80 to 110 points

LEED Versions, Frameworks, & Levels

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Building Operation &
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**Neighborhood
Development**



Homes



Certified
40-49 points



Silver
50-59 points



Gold
60 to 79 points



Platinum
80 to 110 points

LEED Water Efficiency

LEED v4.1 Credits for Water Efficiency

Baseline	
Must reduce by 20% or more to achieve LEED certification	
Water Closet	1.6 gpf/6.0 Lpf
Urinal	1.0 gpf/3.8 Lpf
Faucet	0.5 gpm/1.9 Lpm
Shower heads	2.5 gpm/9.5 Lpm

BD+C Building Design and Construction		
Percent Reduction	Points (BD+C)	Points (Schools, Retail, Hospitality, Healthcare)
25%	1	1
30%	2	2
35%	3	3
40%	4	4
45%	5	5
50%	6	-



ID+C Interior Design Construction			
Percent Reduction	Points (Commercial Interiors)	Points (Retail)	Points (Hospitality)
25%	2	2	2
30%	4	4	4
35%	6	6	6
40%	8	8	8
45%	10	10	10
50%	12	-	11

O+M Building Operation and Maintenance	
Water Performance Score	LEED Points
40 (Required)	6 (Required)
44	7
50	8
57	9
64	10

LEED 4.1 Water Efficiency: BD+C

Prerequisites

- Outdoor Water Use Reduction
- Indoor Water Use Reduction
- Building-level Water Metering



[Sloan ESS Exposed
Sensor Flushometer](#)

Credits

- Outdoor Water Use Reduction
- Indoor Water Use Reduction
- Optimize Process Water Use
 - Option 1 -Increase max. cycles without exceeding any filtration levels
 - Option 2 -No Cooling Tower
 - Option 3 -Process Water Use rewards teams for using recycled alternative water for process uses
- Water Metering
 - Indoor plumbing fixtures and fittings

LEED 4.1 Water Efficiency: ID+C

Prerequisites

- Indoor Water Use Reduction

Credits

- Indoor Water Use Reduction



Webinar – [Sloan Touch-free Urinals with Hybrid and Water-free Technology for Water Conservation and Sustainability](#)

LEED 4.1 Water Efficiency: O+M

Water Performance Score

- Install water meters to measure total potable water of building and grounds
- Input the twelve months of potable water use data and calculate a water performance score for the project
- Based on consumption, floor area, occupancy, and hours

O+M Building Operation and Maintenance	
Water Performance Score	LEED Points
40 (Required)	6 (Required)
44	7
50	8
57	9
64	10
70	11
77	12
84	13
90	14
97	15



[Sloan AER DEC Integrated Sinks](#)

LEED 4.1 Water Updates

Indoor Water Use credit updates

- Permitted international projects to calculate water consumption of flow fixtures and fittings at the local standard supply pressure
- Provide guidance for all gender restrooms in LEED water calculator



[Sloan Blog - Gender Inclusive Restrooms—When They Make Sense, and How to Do Them Right](#)



LEED Materials and Resources

BD+C: Building Product Disclosure & Optimization - Environmental Product Declarations

Option 1. Environmental Product Declaration (1 point)

- All projects must install at least 20 different products from at least 5 different manufacturers
- All EPDs must be:
 - A publicly available, third-party-reviewed life cycle assessment (counts towards 25% of a product), or
 - An industrywide (generic) EPD (counts towards 50% of a product), or
 - A product-specific EPD (counts towards 100% of a product)



[Sloan Environmental Product Declarations \(EPDs\)](#)

ID+C: Building Product Disclosure & Optimization - Environmental Product Declarations

Option 1. Environmental Product Declaration (1 point)

- All projects must install at least 10 different products from at least 3 different manufacturers
- All EPDs must be:
 - A publicly available, third-party-reviewed life cycle assessment (counts towards 25% of a product), or
 - An industrywide (generic) EPD (counts towards 50% of a product), or
 - A product-specific EPD (counts towards 100% of a product)



[Sloan LEED EPD Credit Products List](#)

BD+C: Building Product Disclosure & Optimization – Material Ingredients

Option 1. Material Ingredient Reporting (1 point)

- All projects must install at least 20 different products from at least 5 different manufacturers at 1000 ppm
- All HPDs must be:
 - **Manufacturer Inventory**
 - **Health Product Declaration.** In compliance with the Health Product Declaration open Standard
 - **Cradle to Cradle.** Certified as v2 Basic level or v3 Bronze level



[Sloan Health Product Declarations \(HPDs\)](#)

ID+C: Building Product Disclosure & Optimization – Material Ingredients

Option 1. Material Ingredient Reporting (1 point)

- All projects must install at least 10 different products from at least 3 different manufacturers at 1000 ppm
- All HPDs must be:
 - **Manufacturer Inventory**
 - **Health Product Declaration.** In compliance with the Health Product Declaration open Standard
 - **Cradle to Cradle.** Certified as v2 Basic level or v3 Bronze level



[Sloan LEED HPD Credit Products List](#)

Environmental Product Declarations (EPD)

An EPD is an objective report based on life cycle assessment (LCA) and is used to communicate information about the potential environmental impacts of a product in accordance with the international standard ISO 14025.



Third Party Verification – EPD

Product specific EPDs with third-party certification, including an internal and external critical review are valued at 1.5 products.

Environmental Product Declaration

Sloan® Sensor Flushometers

Declaration Owner:	Sloan Valve Company	
Address:	10500 Seymour Avenue, Franklin Park, IL 60131	
Declaration Number:	SCS-EPD-04676	
Declaration Validity Period:	EPD Valid October 2, 2017 through October 1, 2022	
Version Date:	May 7, 2019	
Program Operator:	SCS Global Services	
Declaration URL Link:	https://www.scsglobalservices.com/certified-green-products-guide	
LCA Practitioner:	Jeremie Hakian, SCS Global Services	
LCA Software:	EcoPlus v3.0	
Independent critical review of the LCA and data, according to ISO 14044 and ISO 14071	<input type="checkbox"/> internal <input checked="" type="checkbox"/> external	
LCA Reviewer:	 Tom Gloria, Ph.D., Industrial Ecology Consultants	
Part A Product Category Rule:	LCA Calculation Rules and Report Requirements v2017; Sustainable Minds (January 2017).	
Part A PCR Review conducted by:	Part A PCR review conducted by the SM TAB, tab@sustainableminds.com	
Part B Product Category Rule:	Product Group Definition Commercial Flushometer Valves Product Group v3.0; Sustainable Minds (December 13, 2016).	
Part B PCR Review conducted by:	Part B PCR review conducted by the SM TAB, tab@sustainableminds.com	

Table 3. Results for 10 years of use of a sensor flushometer.

Impact Category	Production			Construction & Installation		Use			End-of-Life			
	Raw Material Extraction/ Processing	Transport to the Manufacturer	Manufacturing	Transportation	Installation	Maintenance	Repair	Operational Water Use	Demolition	Transportation	Waste Processing	Disposal
	A1	A2	A3	A4	A5	B2	B3	B7	C1	C2	C3	C4
Ecological Indicators												
Acidification (kg SO ₂ eq)	0.84	5.7x10 ⁻³	3.6x10 ⁻²	1.5x10 ⁻²	5.5x10 ⁻⁴	2.3x10 ⁻³	9.3x10 ⁻²	See Table 4	0.0	8.8x10 ⁻⁴	2.0x10 ⁻³	5.4x10 ⁻⁴
Eutrophication (kg N eq)	1.4	9.0x10 ⁻⁴	2.3x10 ⁻²	3.7x10 ⁻³	2.5x10 ⁻³	4.5x10 ⁻³	5.4x10 ⁻²		0.0	1.2x10 ⁻⁴	1.6x10 ⁻³	2.0x10 ⁻²
Global Warming (kg CO ₂ eq)	36	0.72	7.5	3.3	0.47	0.82	17		0.0	0.15	0.51	1.6
Ozone Depletion (kg CFC-11 eq)	3.0x10 ⁻⁶	1.3x10 ⁻⁷	3.6x10 ⁻⁷	6.1x10 ⁻⁷	1.5x10 ⁻⁸	2.6x10 ⁻⁸	1.4x10 ⁻⁶		0.0	2.8x10 ⁻⁸	2.4x10 ⁻⁸	9.2x10 ⁻⁹
Human Health Indicators												
Smog (kg O ₃ eq)	3.8	0.11	0.33	0.36	1.3x10 ⁻²	2.6x10 ⁻²	0.94	See Table 4	0.0	2.4x10 ⁻²	2.3x10 ⁻²	8.8x10 ⁻³
Resource Depletion												
Fossil Fuel Depletion (MJ surplus)	56	1.5	6.7	7.2	0.17	0.22	35	See Table 4	0.0	0.33	0.35	0.11

Health Product Declarations (HPD)

HPDs describe product content and direct health hazards associated with human exposure to the individual components of a product.

- Not an assessment of risks associated with product use
- Does not address potential health impacts during manufacturing
- Not a full assessment of environmental impacts from the LCA

Royal 111 - Diaphragm Flushometers
by Sloan Valve Company

Health Product Declaration v2.0
created via: HPDC Online Builder

CLASSIFICATION: 22.42.43
PRODUCT DESCRIPTION: THE SLOAN ROYAL 111 IS A MANUAL EXPOSED FLUSHMETER FOR FLOOR MOUNT OR WALL HUNG WATER CLOSETS. FLUSH ACCURACY IS CONTROLLED BY DIG TECHNOLOGY THAT ALLOWS FOR ENHANCED WATER EFFICIENCY. THE DURABILITY OF THE FLUSHMETER IS FACILITATED WITH HIGH COPPER, LOW ZINC BRASS CASTINGS FOR OGDENIFICATION RESISTANCE.

Section 1: Summary

CONTENT INVENTORY	Residuals and impurities considered in	Based on the selected Content Inventory Threshold:		
Threshold per material	1 of 1 materials	Characterized	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/> 100 ppm	see Section 2:	Are the Percent Weight and Role provided for all substances?	<input type="radio"/> Yes	<input type="radio"/> No
<input type="radio"/> 1,000 ppm	Material Notes	Screened	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Per GHS SDS	see Section 5:	Are all substances screened using Priority Hazard Lists with results disclosed?	<input type="radio"/> Yes	<input type="radio"/> No
<input type="radio"/> Per OSHA MSDS	General Notes	Identified	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Other		Are all substances disclosed by Name (Specific or Generic) and Identifier?	<input type="radio"/> Yes	<input type="radio"/> No

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ROYAL FLUSHMETER 111 | COPPER ZINC BRASS AQU | M/L | PH | LEAD (MAM | AQU | DEV | REP | CAN | PBT | M/L | EPO | QEN | TN 304 STAINLESS STEEL ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) UNDISCLOSED CHEMICAL #1 UNDISCLOSED CHEMICAL #2 (CAN | M/L BRASS STAINLESS STEEL NYLON 6.6 POLYETHYLENE 304 STAINLESS STEEL PHENOL, 2,5-DIMETHYL-, HOMOPOLYMER RUBBER, SYNTHETIC, ACRYLIC

Number of GreenScreen BM-4863 contents: 0
Contents highest concern GreenScreen Benchmark or List translator Score: LT-1
Nanomaterial: No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE
No certifications have been added to this HPD.

Self-Published* VERIFIER: SCREENING DATE: February 27, 2017 EXPIRY DATE: February 27, 2022
 Third Party Verified VERIFICATION #: RELEASE DATE: March 8, 2017 * or within 3 months of significant change in product contents
*See HPDC website for details

Royal 111 - Diaphragm Flushometers Health Product Declaration Page 1 of 8 created via: HPDC Online Builder www.hpdc-interactive.org

Third Party Verification - HPD

Product specific HPDs with third-party certification, including an internal and external critical review are valued at 1.5 products.

Third Party Verified? <input checked="" type="radio"/> Yes <input type="radio"/> No	PREPARER: Self-Prepared VERIFIER: WAP Sustainability Consulting VERIFICATION #: zPr-11068	SCREENING DATE: 2021-02-10 PUBLISHED DATE: 2021-02-11 EXPIRY DATE: 2024-02-10
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Health Product Declarations (HPD)

- Common name
- CAS number - Chemical Abstracts Service Registry number (CASRN)
- Percentage of the substance in the finished product
- Role of the substance in the product
- Any known health hazards associated with the substance
- Level of disclosure in parts per million (ppm), smaller numbers indicating a higher level of disclosure
- VOC data and product certifications
- Explanatory notes - Anything additional the manufacturer wants you to know



Health Product Declarations (HPD)

COPPER (COPPER)

ID: **7440-50-8**

%: **46.4140**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

Health Product Declarations (HPD)

LEAD (LEAD)		ID: 7439-92-1		
%: Impurity/Residual	GS: LT-1	RC: None	NANO: No	ROLE: Impurity/Residual
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases			R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases			R22 - Harmful if Swallowed
ACUTE AQUATIC	EU - R-phrases			R50 - Very Toxic to Aquatic Organisms
DEVELOPMENTAL	EU - R-phrases			R61 - May cause harm to the unborn child
REPRODUCTIVE	EU - R-phrases			R62 - Possible risk of impaired fertility
DEVELOPMENTAL	G&L - Neurotoxic Chemicals			Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens			(1986) Group B2 - Probable human Carcinogen
CANCER	IARC			Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC			Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen

Green Building Frameworks

- **Living Building Challenge** – Materials Petal
- **Green Globes** – Materials & Product Selection
- **BREEAM** – Materials
- **FITWEL** – Material Transparency



The Difference between LEED & WELL

LEED – How the building impacts the environment



WELL – How the building impacts the occupants





WELL Building Standard v2

INTERNATIONAL WELL BUILDING INSTITUTE

August 2020

The organization that oversees the world's premier framework for advancing health in buildings and spaces of all kinds: the WELL Building Standard (WELL).

4,200+

WELL projects*

550M+

Square Feet

62

Countries



*Includes WELL Certified, WELL Precertified and WELL registered projects

INTERNATIONAL WELL BUILDING INSTITUTE

March 2021

The organization that oversees the world's premier framework for advancing health in buildings and spaces of all kinds: the WELL Building Standard (WELL).

15,600

WELL projects*

2.1B+

Square Feet

82

Countries



*Includes WELL Certified, WELL Precertified and WELL registered projects

Health Impacts of Buildings

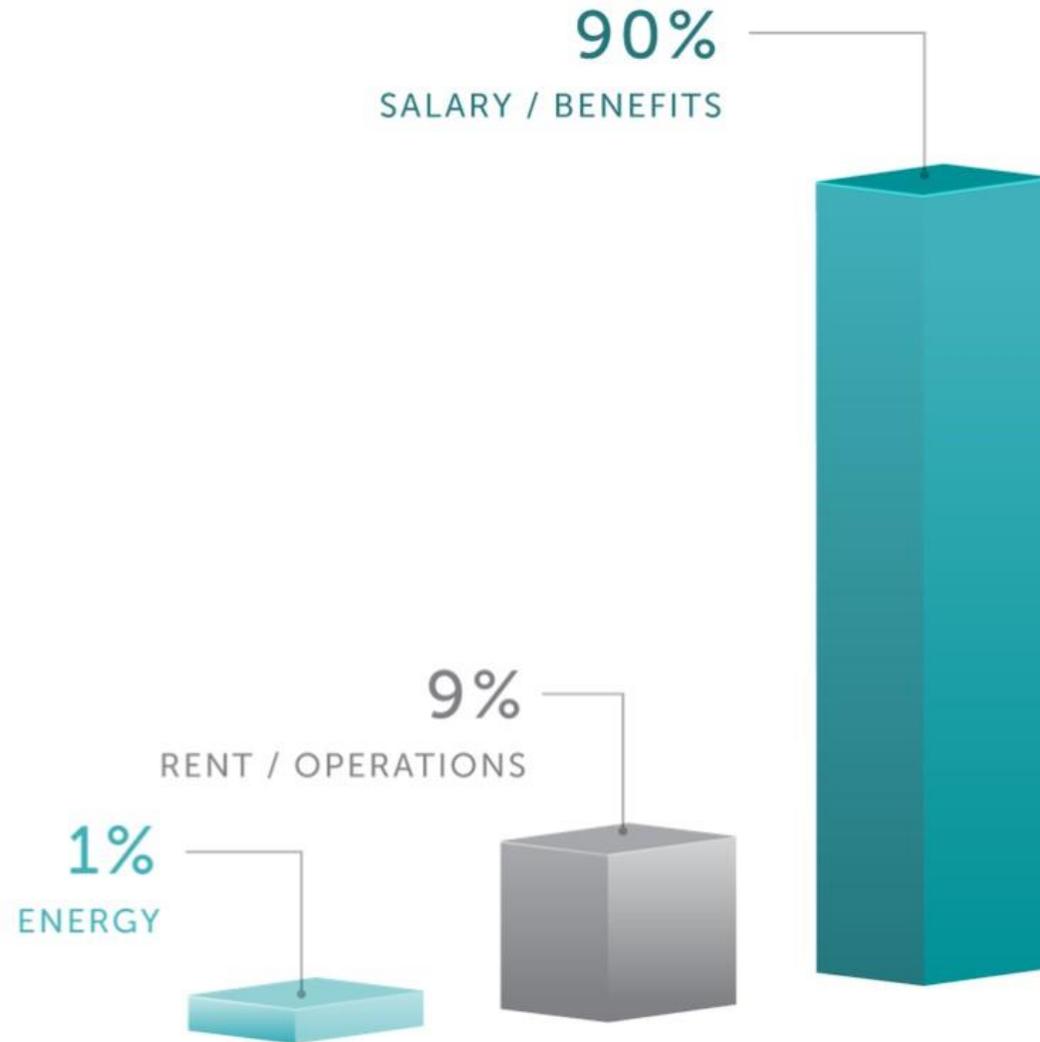
Americans spend approximately 90% of their time indoors, compounding the health effects of poor indoor environmental quality caused in part by the multitude of chemicals used in buildings products and construction.



Source: U.S. Environmental Protection Agency. 1989. Report to Congress on indoor air quality.

INVEST IN PEOPLE FOR RETURN ON INVESTMENT

Source: Knoll Workplace Research "What's Good for People, Moving from Wellnes to Well Being", Kate Lister 2004 Studies include those conducted by organizations including Harvard Business Review and World Economic Forum and the American Journeal of Health Promotion Image courtesy of World Green Building Counsel Report "Health, Wellbeing & Productivity in Offices"



WELL v1.0



AIR



WATER



NOURISHMENT



LIGHT



FITNESS



COMFORT



MIND

WELL v2.0



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Precondition v Optimization

CONCEPTS	v1.0		v2.0	
	PRECONDITION	OPTIMIZATION	PRECONDITION	OPTIMIZATION
AIR	12	17	4	10
WATER	5	3	3	6
NOURISHMENT	8	7	2	11
LIGHT	4	7	2	6
FITNESS	2	6	2	10
COMFORT	5	7	1	6
MIND	5	12	2	13
SOUND	*	*	1	5
MATERIAL	*	*	3	11
COMMUNITY	*	*	3	14

WELL: Points Based Scoring



BRONZE LEVEL:

(WELL Core Bronze)

Minimum compliance **40** points.

Exclusive level for low projects WELL
Core.



SILVER LEVEL:

Minimum compliance **50** points.



GOLD LEVEL:

Minimum compliance **60** points.

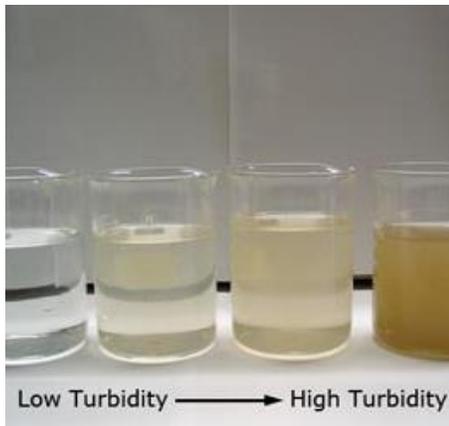


PLATINUM LEVEL:

Minimum compliance **80** points.

WELL Water Concept

WELL Water Concept - Preconditions



W01: Water Quality Indicators

Turbidity and coliform



W02: Drinking Water Quality

Metals, organics, and pesticides



W03: Basic Water Management

Annual quality monitoring and implement Legionella management plan

WELL Water Concept - Optimizations



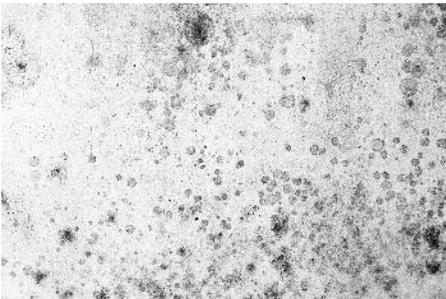
W04: Enhanced Water Quality – 1 point
Sets thresholds for taste (aluminum, copper, chloride, iron, etc.)



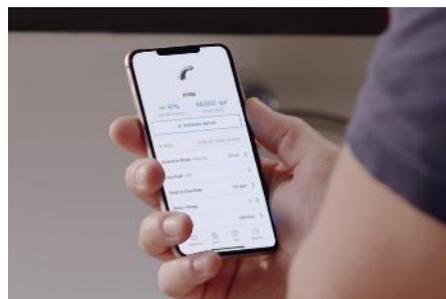
W05: Drinking Water Quality Management – 3 points
Testing prior to occupancy & ongoing sampling



W06: Drinking Water Promotion – 1 point
Dispenser availability and maintenance



W07: Moisture Management – 3 points
Design envelope & interiors to prevent moisture intrusion, mold/moisture plan



W08: Hygiene Support – 4 points
Bathroom accommodations & handwashing – sensor products, HEPA, line purge



W09: Onsite Non-potable Water Reuse – 2 points
Implement safety plan for capture & reuse

Proprietary and Confidential

W08 – Hygiene Support

Part 1 – Bathroom & Handwashing Accommodations (2 points):

3: Handwashing support

A. Fragrance-free liquid hand soap dispensed through one of the following:

- Sealed dispensers equipped with disposable soap cartridges
- Dispensers with detachable and closed containers for soap refill. Soap containers must be washed and disinfected when emptied, before refilling

B. One of the following methods for hand drying:

- Paper towels
- Hand dryers equipped with a HEPA filter. Filter replacement and equipment maintenance are carried out per manufacturer's instructions. This method is not available for healthcare projects
- Fabric hand towel rolls with dispensers, with rolls replaced before reaching their end of service

C. Signage displaying steps for proper hand washing



[Sloan Halsted Street Collection](#)

W08 – Hygiene Support

Part 2 – Enhanced Bathroom Accommodation (1 point):

- A. Toilets are equipped with hands-free flushing
- B. Contactless soap dispensers and hand drying
- C. Users can exit the bathroom hands-free
- D. Faucets meet the following:
 - Sensor-activated
 - Equipped with a programmable line-purge system
 - If mixing is used, hot- and cold-water lines are mixed at the point of use



[Sloan Hubbard Street Collection](#)

W08 – Hygiene Support

Part 3 - Support Effective Handwashing (1 point):

- A. The faucet design prevents the water column from flowing directly into the drain or a sink drain stopper is installed
- B. Water doesn't splash outside the sink when the faucet is fully open
- C. **Newly installed sinks meet the following design parameters:**
 - A. The sink basin is at least 9 inches in width and length
 - B. The water column from the sink to the basin is at least 6 inches in length (measured along flow of water, even if at an angle)
 - C. The water column is at least 3 inches away from any edge of the sink



[WEBINAR - How to Select, Specify, and Order a Custom Sink from Sloan](#)

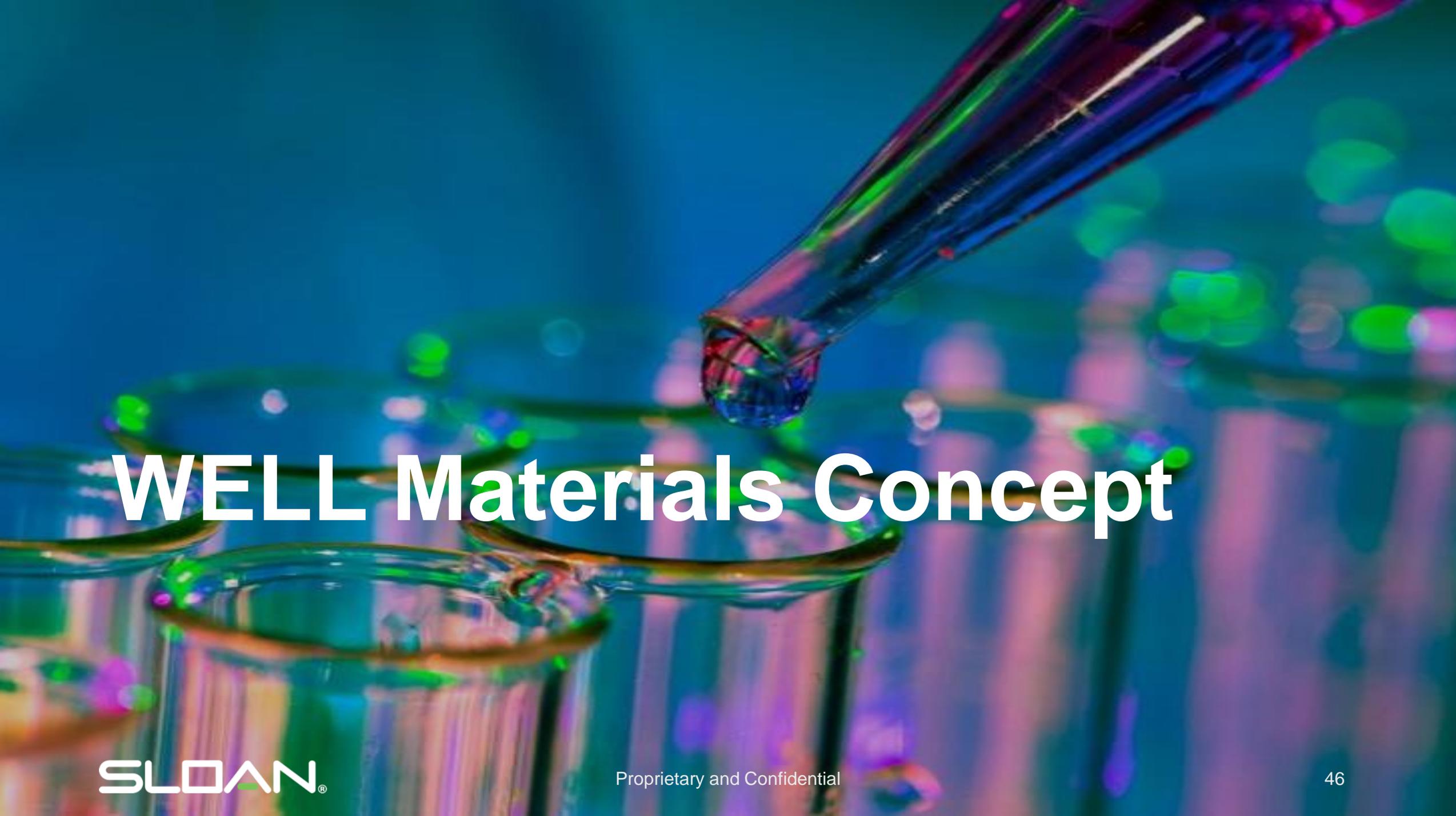
Onsite Non-potable Water Reuse - Beta

Part 1 - Implement Safety Plan for Non-potable Water Capture & Reuse (1 point):

6. A description of the signage and identifiable pipe color-coding to distinguish the non-potable water network



[Sloan Royal Flushometers for Reclaimed Water Systems](#)



WELL Materials Concept

WELL Materials Concept - Preconditions



X01: Material Restrictions
Restrict Asbestos,
Mercury and Lead



X02: Interior Hazardous Material Management
Manage Asbestos, Lead
Paint and PCBs



X03: CCA and Lead Management
Manage exterior CCA
and Lead Hazards

WELL Materials Concept - Optimizations



X04: Site Remediation
– 1 point
Assess and mitigate site hazards



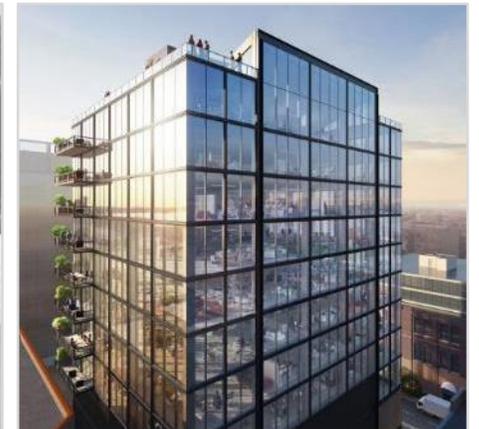
X05: Enhanced Material Restrictions – 2 points
Select compliant interior furnishings



X06: VOC Restrictions – 4 points
Limit and restrict VOCs from interior products



X07: Materials Transparency – 3 points
Select products with disclosed ingredients



X08: Materials Optimization – 2 points
Select materials with enhanced chemical restrictions

WELL Materials Concept - Optimizations



X09: Waste Management – 1 point
Implement a waste management plan



X10: Pest Management and Pesticide Use – 1 point
Manage pests



X11: Cleaning Products and Protocols – 2 points
Improve cleaning practices and select preferred cleaning products



X12: Contact Reduction – 2 points
Reduce respiratory particle exposure and address surface hand touch

Materials Concept - Optimizations

X10: Pest Management and Pesticide Use – 1 point

- Manage Pests

X11: Cleaning Products and Protocols – 2 points

- Improve cleaning practices and select preferred cleaning products

X12: Contact Reduction – 2 points

- Reduce respiratory particle exposure and address surface hand touch



X01: Materials Restriction

Part 1: Asbestos

Part 2: Mercury

Part 3: Restrict Lead

- Paint & Electronics
- Plumbing - The product has a weighted wetted average of 0.25% of lead or less, verified by a third party, or is labeled as ANSI/NSF 372-compliant



X07 - Materials Transparency

Part 1 - Select Products with Disclosed Ingredients (1 point):

For at least 50% by count or 25 permanently installed products, ingredients are disclosed by the manufacturer, through one of the following:

- A. Declare label,
- B. A Health Product Declaration (HPD),
- C. A Cradle-to-Cradle Certified™ (Gold or Platinum level),
- D. A Product Lens Certification™ by Global Green Tag



[Sloan BASYS Automatic Touch-free Sensor Faucets](#)

X07 - Materials Transparency

Part 2 - Select Products with Enhanced Ingredient Disclosure (1 point):

For at least 15 permanently installed products, all ingredients are disclosed down to 100 ppm

- A. Declare label,
- B. A Health Product Declaration (HPD),
- C. A Cradle-to-Cradle Certified™ (Gold or Platinum level)
- D. A Product Lens Certification™ by Global Green Tag



[Sloan State Street Collection](#)

X07 - Materials Transparency

Part 3 - Select Products with Third-party Verified Ingredients (1 point):

For at least 15 permanently installed products, disclosed through one of the following:

- A. Declare label,
 - B. **A Health Product Declaration (HPD),**
 - C. A Cradle-to-Cradle Certified™ (Gold or Platinum level)
 - D. A Product Lens Certification™ by Global Green Tag
-
- A. **Ingredient disclosure is verified by a third party (i.e., an organization other than the manufacturer that is not affiliated with the ingredient disclosure certificate)**



[Sloan Rush Street Collection](#)

X12: Contact Reduction

Part 2 – Address Surface Hand Touch – 1 point

- Project offers hands-free operation to avoid hand operation for at least three of the following:
 - Entry doors to the project
 - Elevators
 - **Water, faucets, soap, and paper dispensers**
 - Window blinds and lighting switches
 - Lids of trash, recycling, and reuse bins



[Sloan AER-DEC Integrated Sinks](#)

WELL Health-Safety Rating

- Evidence-based, third-party verified rating for all facility types
- Developed to address post-COVID-19
- Focus on operational policies, maintenance protocols, stakeholder engagement and emergency plans
- Not on Sounds, Nourishment, Light, Thermal, Mind



SC1 – Support Handwashing

A. Fragrance-free liquid hand soap dispensed through one of the following:

- Sealed dispensers equipped with disposable soap cartridges
- Dispensers with detachable and closed containers for soap refill. Soap containers must be washed and disinfected when emptied, before refilling

B. One of the following methods for hand drying:

- Paper towels
- Hand dryers equipped with a HEPA filter. Filter replacement and equipment maintenance are carried out per manufacturer's instructions. This method is not available for healthcare projects
- Fabric hand towel rolls with dispensers, with rolls replaced before reaching their end of service

C. Signage displaying steps for proper hand washing



[Sloan AER-DEC Integrated Sinks](#)

SC2 – Reduce Surface Contact

Option 2: Surface touch management

A. Project offers hands-free operation (through foot, voice, sensor or personal electronic device) or implements other design strategies to avoid hand operation for at least three of the following:

- Regularly used pedestrian entry doors to the project, during regularly occupied hours
- Elevators
- All water bottle fillers, **water faucets**, **soap**, and paper towel dispensers
- Window blinds and indoor lighting switches and/or controllers
- Lids of trash, recycling and reuse bins



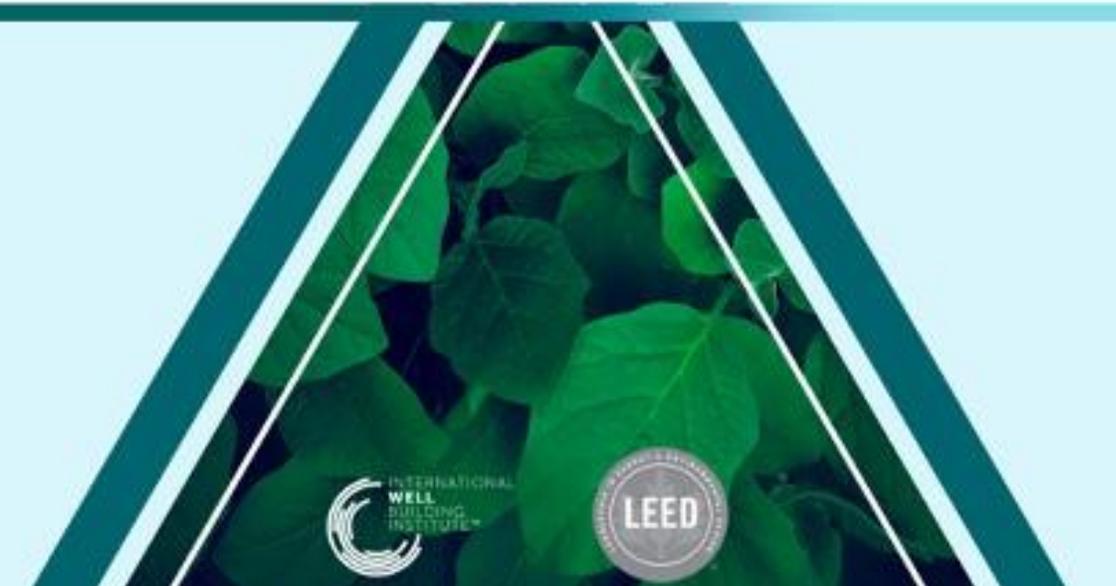
[Sloan Clark Street Collection](#)



PEOPLE + PLANET

APPLYING LEED AND THE WELL BUILDING STANDARD™

Strategies for interiors, new buildings and existing buildings seeking dual certification



Identifies LEED credits deemed equivalent to or that align with WELL features

<https://resources.wellcertified.com/tools/applying-leed-and-the-well-building-standard/>

WELL v2 / LEED v4.1 ID+C Crosswalk

LEED prerequisite/credit name	WELL feature part name	Equivalent / Aligned? (E / A)	Notes
EA Enhanced Commissioning (Option 2)	A09.2 Perform Envelope Commissioning	E	
M Rc Building Product Disclosure and Optimization – Material Ingredients (Option 1)	X07.1 Select Products with Disclosed Ingredients	A	WELL requires at least 25 distinct products; LEED credit requires 10.
M Rc Building Product Disclosure and Optimization – Material Ingredients (Option 1)	X07.3 Select Products with Third-Party Verified Ingredients	A	WELL requires 15 distinct products and third-party verification of disclosure.

Resources



[Sloan Case Study – Old Chicago Post Office. LEED Gold](#)

Sloan Flushometer Configurator Tool

SLOAN.

✕ Reset All

Fixture Type

Manual Sensor Manual Specialty

Sensor Specialty Solenoid (less sensor)

Activation

Manual Sensor Manual Specialty

Sensor Specialty Solenoid (less sensor)

Power

Flush Volume

gpf Lpf

0.125	0.25	0.5	1.0	1.0/1.5
1.28	1.5	1.6	1.6/1.1	1.6/3.5
2.0	2.4	3.5	4.5	6.5

Installation

Diaphragm Piston

Valve

Diaphragm Piston

Finish

Polished Chrome Graphite

Brushed Nickel Matte Black

Polished Brass Matte White

Brushed Stainless None

Specialty

Bedpan Washer Foot Pedal Hydraulic

PWT Reclaimed Water Retrofit

Squat Toilet

Product Line

Compliances

- ADA Compliant
- BAA Compliant
- BREEAM Materials Credit
- BREEAM Water Credit
- CEC Compliant
- CSA Certified
- CalGreen Compliant
- Carbon Neutral
- Declare
- EPD
- Green Globes Materials & Resources Credit
- Green Globes Water Credit
- GreenSpec
- HPD
- LBC Credit
- LEED Materials & Resources EPD Credit
- LEED Materials & Resources HPD Credit
- LEED V4 Water Efficiency Credit
- Red List Free
- Satisfies LEED Credits
- UL Certified
- UPC Certified
- WaterSense Listed
- cUPC Certified
- cUPC Certified (Requires use of listed vacuum breaker that complies with ASSE 1001)
- cUPC Green Certified
- cUPC Green Certified (Requires use of listed vacuum breaker that complies with ASSE 1001)

Q1 811
 1/2" Exposed Sensor Water Closet Flushometer
 As low as \$142.75 Polished Chrome

Q1 810
 1/2" Exposed Sensor Water Closet Flushometer
 As low as \$142.75 Polished Chrome

Q1 820-C
 1/2" Exposed Sensor Water Closet Bedpan Washer
 As low as \$171.00

Q1 820-U
 1/2" Exposed Sensor Water Closet Bedpan Washer Flushometer
 As low as \$162.75

Q1 810
 1/2" Exposed Sensor Water Closet Flushometer
 As low as \$142.75

Q1 810
 1/2" Exposed Sensor Water Closet Flushometer
 As low as \$142.75

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 1/2" Exposed Sensor Water Closet Flushometer
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[Sloan Flushometer Configurator Tool](#)

Sloan Water Closet Configurator Tool

Filters × Reset All

Fixture Mount

Floor
Wall

Floor Mount Type

ADA
Junior
Rear Outlet

Flush Volume

1.0 1.1-1.6 1.28 1.6

gpf Lpf

SloanTec® Hydrophobic Glaze

Yes

Compliances & Certifications

- ADA Compliant
- BAA Compliant
- BREEAM Materials Credit
- CEC Compliant
- CalGreen Compliant
- Carbon Neutral
- Carbon Offset
- EPD
- Green Globes Materials & Resources Credit
- HPD
- LEED Materials & Resources EPD Credit
- LEED Materials & Resources HPD Credit
- NOM Certified
- Satisfies LEED Credits
- TAS
- WaterSense Listed
- cUPC Certified
- cUPC Green Certified

			
ST-2229 Vitreous China Floor-Mounted Rear Outlet Water Closet	ST-2309 Vitreous China Floor-Mounted Junior Water Closet	ST-2449 Vitreous China Floor-Mounted ADA Water Closet	ST-2459 Vitreous China Wall-Mounted Water Closet
			
ST-2469 Vitreous China Wall-Mounted Water Closet	WETS-8009.8010 Vitreous China Floor-Mounted Pressure Assisted Water Closet	WETS-8009.8013 Vitreous China Floor-Mounted Pressure Assisted Water Closet	WETS-8009.8016 Vitreous China Floor-Mounted Pressure Assisted Water Closet

[Sloan Water Closet Configurator Tool](#)

Sloan Urinal Configurator Tool

Filters × Reset All

Flush Method

- Hybrid
- Washdown
- Waterfree

Urinal Type

- Designer
- Small
- Standard

Fixture Connection

- Rear
- Top

SloanTec® Hydrophobic Glaze

- Yes

Compliances & Certifications

- ADA Compliant
- BREEAM Materials Credit
- BREEAM Water Credit
- CEC Compliant
- CalGreen Compliant
- Carbon Neutral
- Carbon Offset
- Declare
- EPD
- Green Globes Materials & Resources Credit
- Green Globes Water Credit
- HPD
- LBC Credit
- LEED Materials & Resources EPD Credit
- LEED Materials & Resources HPD Credit
- LEED V4 Water Efficiency Credit
- Red List Free
- Satisfies LEED Credits
- UPC Certified
- WaterSense Listed
- cUPC Certified
- cUPC Green Certified

			
HYB-1000 Vitreous China Hybrid Urinal	HYB-1000-RET Vitreous China Retrofit Hybrid Urinal	HYB-4000 Vitreous China Hybrid Urinal	HYB-7000 Vitreous China Hybrid Urinal
			
SU-1006 Vitreous China Washdown Urinal	SU-1009 Vitreous China Washdown Urinal	SU-1016 Vitreous China Washdown Urinal	SU-1019 Vitreous China Washdown Urinal

[Sloan Urinal Configurator Tool](#)

Sloan Faucet & Soap Dispenser Finder

- Browse automatic sensor faucets and matching soap dispensers by style, features, options, or certifications with the [Sloan Faucet Finder](#). Find your faucet, and easily drill down to individual spec sheets.

The screenshot displays the Sloan Faucet & Soap Dispenser Finder interface, which is organized into several filter panels:

- Spout Design:** A grid of 20 different faucet spout designs.
- Finish:** A selection of five finishes: Polished Chrome, Brushed Stainless, Brushed Nickel, Graphite, and Polished Brass.
- Power Type:** Four icons representing different power options: battery, solar, and two types of solar panel designs.
- Flow Rate:** A toggle switch between gpm and Lpm, with five numerical options: 0.35, 0.5, 1.0, 1.5, and 2.2.
- Spray Type:** A dropdown menu for selecting the spray type.
- Mixer:** A selection of five mixer types, including a 'No Mixer' option.
- Product Line:** Three product lines: BASYS*, Sloan*, and Optima*.
- Trim Plate (In):** Two options: 4 and 8.
- Mounting Type:** Two options: Deck and Wall.
- Compliances:** A list of 15 certification checkboxes, including ADA Compliant, ASME A112.18.1 Compliant, BAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, CEC Compliant, CalGreen Compliant, Carbon Neutral, EPD, GPC 0.25 or less, Green Globes Materials & Resources Credit, Green Globes Water Credit, HPD, LEED Materials & Resources EPD Credit, LEED Materials & Resources HPD Credit, and LEED V4 Water Efficiency Credit.

Sloan LEED Support & Tools

The screenshot shows the Sloan website's sustainability page. At the top, the Sloan logo is on the left, and navigation links for Design, Products, Resources, Company, and Sustainability are in the center. A search bar is on the right. The main content area features a blue sky background with the text: "We've been committed to the environment from the start. Water is essential to life. And at Sloan, our wide array of products have been meticulously developed with that ideology in mind." Below this is a "Download Brochure" button. The "Products" section follows, with a sub-header "Products" and a paragraph: "Our products are made to last, and we take the necessary steps to ensure our products are sustainable throughout the entire duration of their use." Below this are three columns: "Transparency Reports" with a mountain image, "Sustainable Products" with a faucet image, and "Sustainable Product Chart" with a table.

SLOAN Design Products Resources Company Sustainability

We've been committed to the environment from the start.
Water is essential to life. And at Sloan, our wide array of products have been meticulously developed with that ideology in mind.

[Download Brochure](#)

Products

Our products are made to last, and we take the necessary steps to ensure our products are sustainable throughout the entire duration of their use.

Transparency Reports

Sustainable Products

Sustainable Product Chart

Flushometers	EPD	HPD
Royal® Manual	24	24
Sloan® Manual	9	9
Regal® Manual	4	-

[Sloan Sustainability Overview and Tools](#)

Sloan LEED Support & Tools

Click any to download

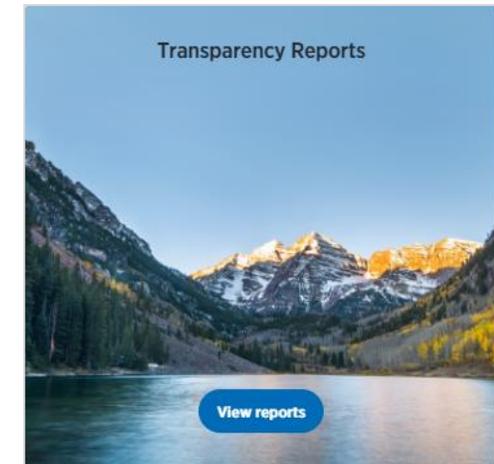


Sustainable Product Chart

Flushometers	EPD	HPD
Royal® Manual	24	24
Sloan® Manual	9	9
Regal® Manual	4	-
GEM-2® Manual	11	11
SOLIS® Se View chart	29	17
ECOS® Sensor	25	-

Green Product Finder

LEED	✓	Yes
LEED V4 WE	✓	Yes
LEED MR EPD	✓	Yes
LEED MR HPD	✓	Yes
View chart		
Living Building Challenge	✓	Yes



Sustainability Calculator

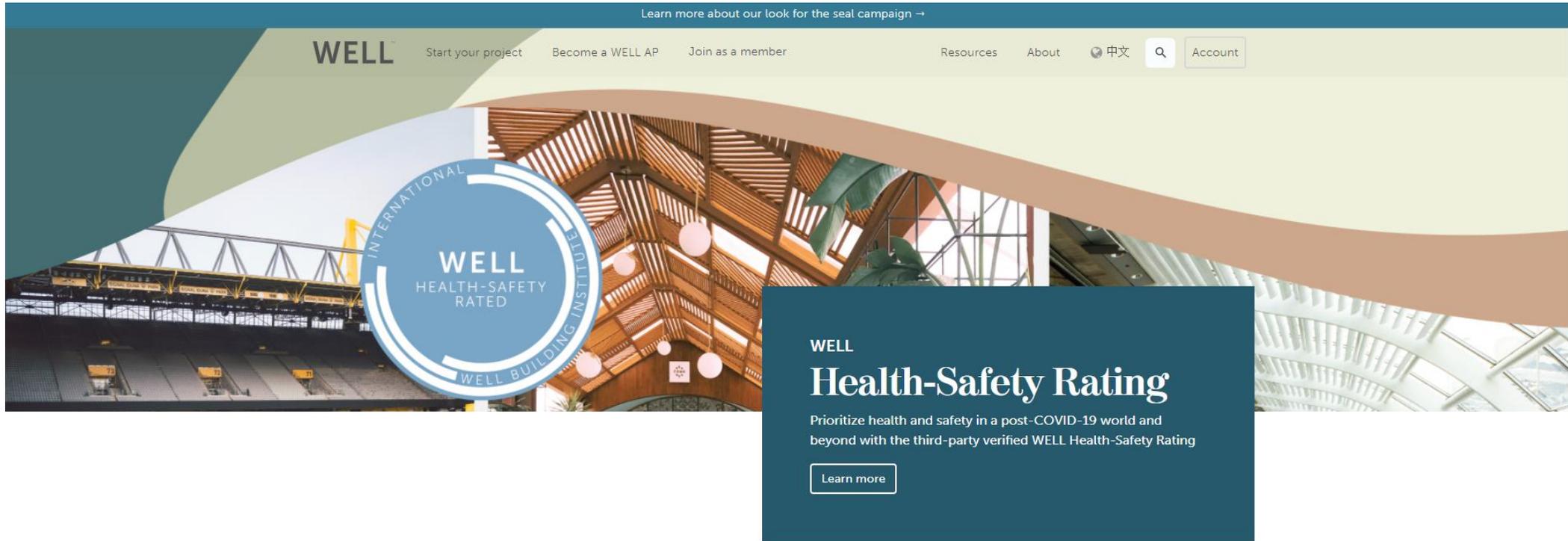
Water use 512 Gallons

Your Building

Baseline

[Calculate my savings](#)

<https://www.wellcertified.com/>



REGISTER YOUR BUILDING FOR

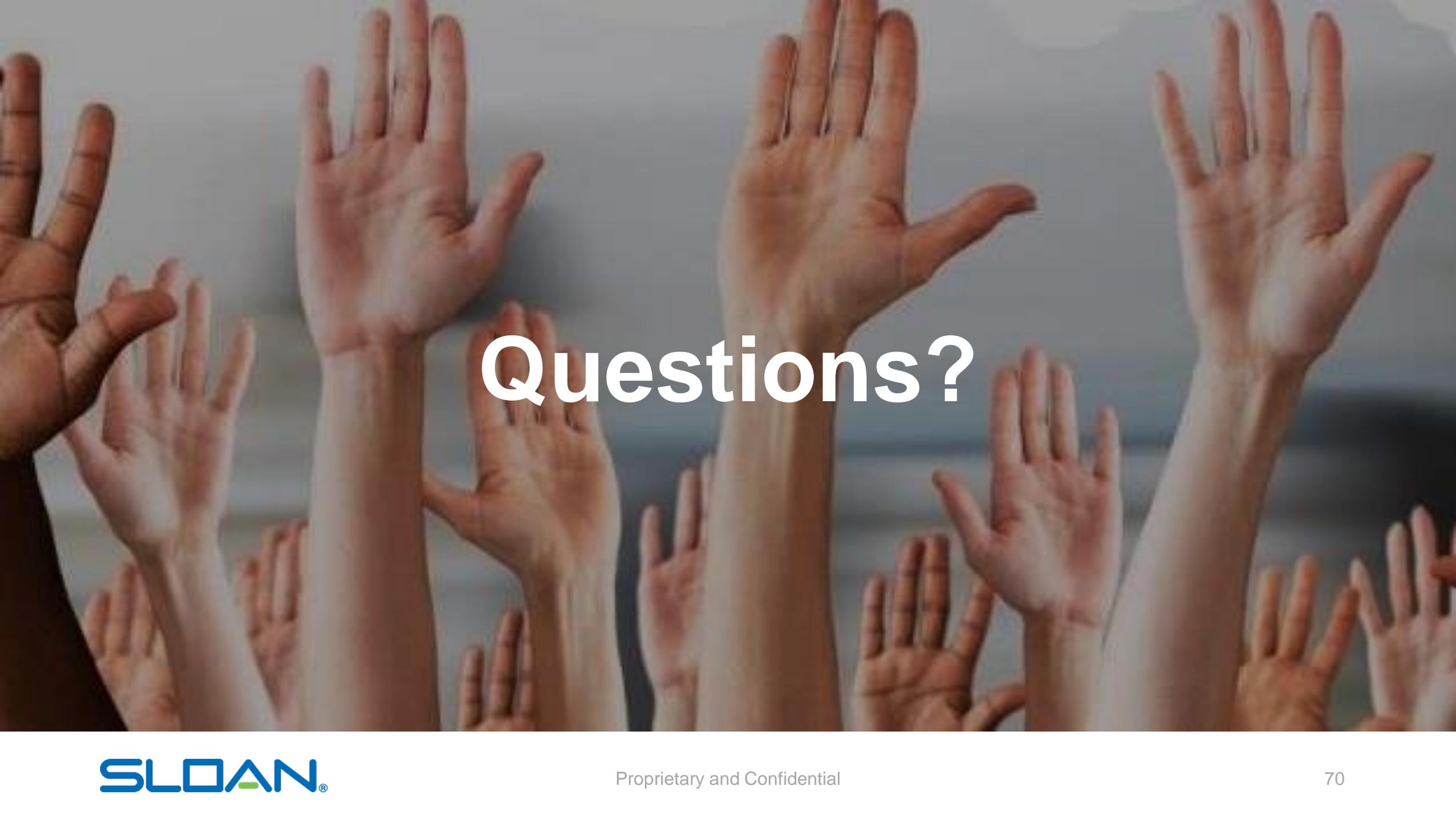
WELL Certification

WELL is the leading tool for advancing health and well-being in buildings globally. Register your office, building



Sloan WELL Support & Tools





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- Local code knowledge
- Familiarity with existing sites
- Product knowledge
- Available for onsite consultation

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[American Rescue Plan \(ARP\) Funding for Public Restrooms in Airports](#)



[American Rescue Plan \(ARP\) Funding for Public Restrooms in Restaurants](#)



Upcoming
[American Rescue Plan \(ARP\) Funding for Public Restrooms in Entertainment Venues](#)

Training Comments, Questions, or Suggestions?

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