



GREEN BUILDING CREDITS

SIKA USA

BUILDING TRUST



WHAT IS LEED®?

LEED® is an acronym for Leadership in Energy and Environmental Design, a third-party verified green building rating system developed by the U.S. Green Building Council (USGBC). The certification is administered by Green Building Certification Inc. (GBCI). There are more than 96,000 LEED® certified projects across 167 countries [1]. Certification levels include Certified, Silver, Gold, and Platinum, and are awarded based on a points system. LEED projects can achieve points by earning credits across seven categories including Location and Transportation (LT), Sustainable Sites (SS), Water Efficiency (WE), Energy and Atmosphere (EA), Materials and Resources (MR), Indoor Environmental Quality (EQ), Innovation (IN), and Regional Priority (RP).



[1] Statista Research Department. "Green Buildings in the U.S. - Statistics Gamp; Facts." Statista, 2 Feb. 2022, <https://www.statista.com/topics/1169/green-buildings-in-the-us/#dossierKeyfigures>.

LEED® v4 and v4.1						
CREDITS	RELEVANCE	POINTS	INTENT	TARGET MARKET	PRODUCTS	SIKA SOLUTIONS
SUSTAINABLE SITES (SS)						
Heat Island Reduction	NC CS S R DC W+D HS H	1-2	To minimize effects on micro climates and human and wildlife habitats by reducing heat islands.	Decorative Concrete	SOLACHROME® Integral Coloring Treatment	SOLACHROME® Integral Coloring Treatment is a patented solar reflective technology that provides vibrant colors while maintaining cooler temperatures for longer and reducing maximum concrete temperatures. To view a comprehensive list of SOLACHROME SOLACHROME® solar reflectance (SR) values by color, please visit our website.
				Roofing, Plaza Decks	Sarnafil® or Sikaplan® membranes, Sikalastic® liquid-applied solutions, and American Hydrotech® Ultimate Assembly® and garden roofs	Sika® offers Sarnafil® or Sikaplan® membranes, Sikalastic® liquid-applied solutions, and American Hydrotech® Ultimate Assembly® and garden roofs which help to reduce the heat island effect.
Site Development – Protect or Restore Habitat	NC CS S R DC W+D HS H	1-2	To conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.	Roofing	Sika® Sarnafil® vegetated roofs, American Hydrotech® garden roofs, Liquid Applied Membranes (LAMs)/Sikalastic® with green roof systems	Sika® Sarnafil® vegetated roofs and American Hydrotech® garden roofs maximize the available habitat for local species. Liquid Applied Membranes (LAMs) such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
Open Space	NC CS S R DC W+D HS H	1	To create exterior open space that encourages interaction with the environment, social interaction, passive recreation, and physical activities.	Roofing	Sika® Sarnafil® vegetated roofs, American Hydrotech® garden roofs, Liquid Applied Membranes (LAMs)/Sikalastic® with green roof systems	Sika® Sarnafil® vegetated roofs and American Hydrotech® garden roofs maximize green spaces and can help sites meet vegetated space goals, even in urban environments with limited site space. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.

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SUSTAINABLE SITES (SS)						
Rainwater Management	NC CS S R DC W+D HS H	1-3	To reduce runoff volume and improve water quality by replicating the natural hydrology and water balance of the site, based on historical conditions and undeveloped ecosystems in the region.	Roofing	Sika® Sarnafil® green roofs, American Hydrotech® blue roofs, Liquid Applied Membranes (LAMs)/Sikalastic® with green roof systems	During heavy rainfall, runoff from impervious surfaces such as pavements and rooftops can cause problems including sewer overflow and water pollution. Sika® Sarnafil® green roofs decelerate water flow by retaining up to 75% of rainwater, thus alleviating the pressure on stormwater infrastructure and the local landscape. American Hydrotech® blue roofs can be designed to retain rainwater and discharge it to the sewer system at a slower rate to alleviate storm surges. American Hydrotech® garden roofs retain some rainwater. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion, which eliminates the risk of lateral water flow under the roofing system.
				Below Grade Waterproofing	Sika® Drainage Mat	Sika® waterproofing Drainage Mat is a prefabricated drainage composite that can be used to collect and convey excess water in areas such as plaza decks, split slabs, planters, and roof gardens.
Places of Respite	H	1	To provide patients, staff, and visitors with the health benefits of the natural environment by creating outdoor places of respite on the healthcare campus.	Roofing	Sika® Sarnafil® green roofs, American Hydrotech® blue roofs, Liquid Applied Membranes (LAMs)/Sikalastic® with green roof systems	Sika® Sarnafil® vegetated roofs and American Hydrotech® garden roofs maximize green spaces and can help sites meet vegetated space goals, even in urban environments with limited site space. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
Direct Exterior Access	H	1	To provide patients and staff with the health benefits associated with direct access to the natural environment.	Roofing	Sika® Sarnafil® green roofs, American Hydrotech® blue roofs, Liquid Applied Membranes (LAMs)/Sikalastic® with green roof systems	Sika® Sarnafil® vegetated roofs and American Hydrotech® garden roofs maximize outdoor spaces and can be adapted to provide patients and hospital employees with green spaces. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
ENERGY AND ATMOSPHERE (EA)						
Minimum Energy Performance	NC CS S R DC W+D HS H	P	To reduce the environmental and economic harms of excessive energy use by achieving a minimum level of energy efficiency for the building and its systems.	Building Envelope, Plaza Decks, Roofing	Sika® Sarnafil® Insulation/Roof Boards, Rmax Roof Insulation products, Rmax Wall and Ceiling Insulation Products	Sika® insulating products have enhanced thermal capabilities that reduce loading on HVAC systems due to outdoor air infiltration. This results in lower energy use and cost savings associated with building heating and cooling.
				Roofing	Sika® Sarnafil® green roofs, American Hydrotech® blue roofs, Liquid Applied Membranes (LAMs)/Sikalastic®	Sika® Sarnafil® offers a range of roofing solutions that help reduce the energy load on the building. These include thermally insulated, reflective, and vegetated roofs. American Hydrotech® garden roofs can also provide insulating properties to roofing systems, increasing energy efficiency. The LAM Sikalastic® RoofPro System offers a high Solar Reflectance Index (SRI).
				Building Envelope, Sealants & Adhesives	EMSEAL® expansion joints and sealants, Sikagard®-510, Sikagard®-535, Sikaflex®-102 EverFlash Membrane, Sika® MultiSeal Plus, Sika® MultiSeal-500, Sika® MultiSeal-505, SikaMembrane®-540, Sikaflex®-11 FC	Sika® and EMSEAL® offer RSB products that improve the building envelope's air tightness, ultimately reducing the needs on HVAC systems. Solutions include air barriers such as EMSEAL® expansion joints and sealants, Sikagard®-510, Sikagard®-535, Sikaflex®-102 EverFlash Membrane, Sika® MultiSeal Plus, Sika® MultiSeal-500, Sika® MultiSeal-505, and SikaMembran®-540 as well as weather-resistant sealing and bonding products including Sikaflex®-11 FC.
				Building Finishes	Sika® and Parex® systems with incorporated insulation	Sika® and Parex® systems with incorporated insulation help improve thermal performance, alleviating the energy required for HVAC performance.

CREDITS	RELEVANCE	POINTS	INTENT	TARGET MARKET	PRODUCTS	SIKA SOLUTIONS
ENERGY AND ATMOSPHERE (EA)						
Optimize Energy	NC CS S R DC W+D HS H	1-20	To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic harms associated with excessive energy use.	Building Envelope, Plaza Decks, Roofing, Building Finishes	Sika® Sarnafil® Insulation/Roof Boards, Rmax Roof Insulation products, Rmax Wall and Ceiling Insulation Products, Parex® systems with incorporated insulation	Sika® insulating products have enhanced thermal capabilities that reduce loading on HVAC systems due to outdoor air infiltration. This results in lower energy use and cost savings associated with building heating and cooling.
				Roofing	Sika® Sarnafil® green roofs, American Hydrotech® blue roofs, Liquid Applied Membranes (LAMs)/Sikalastic®	Sika® Sarnafil® offers a range of roofing solutions that help reduce the energy load on the building. These include thermally insulated, reflective, and vegetated roofs. American Hydrotech® garden roofs can also provide insulating properties to roofing systems, increasing energy efficiency. The LAM Sikalastic® RoofPro System offers a high Solar Reflectance Index (SRI).
				Building Envelope, Sealants & Adhesives	EMSEAL® expansion joints and sealants, Sikagard®-510, Sikagard®-535, Sikaflex®-102 EverFlash Membrane, Sika® MultiSeal Plus, Sika® MultiSeal-500, Sika® MultiSeal-505, SikaMembrane®-540, Sikaflex®-11 FC	Sika® and EMSEAL® offer RSB products that improve the building envelope's air tightness, ultimately reducing the needs on HVAC systems. Solutions include air barriers such as EMSEAL® expansion joints and sealants, Sikagard®-510, Sikagard®-535, Sikaflex®-102 EverFlash Membrane, Sika® MultiSeal Plus, Sika® MultiSeal-500, Sika® MultiSeal-505, and SikaMembran®-540 as well as weather-resistant sealing and bonding products including Sikaflex®-11 FC.
Renewable Energy Production	NC CS S R DC W+D HS H	1-3	To reduce the environmental and economic harms associated with fossil fuel energy by increasing self-supply of renewable energy.	Roofing	Sika® Sarnafil® solar roofing	Sika® Sarnafil® offers solar ready roof solutions that can incorporate photovoltaic panels to generate energy for the building's use.
MATERIALS AND RESOURCES (MR)						
Building Product Disclosure and Optimization—Environmental Product Declarations	NC CS S R DC W+D HS H	1-2	To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.	Slab on Ground, Below Grade Waterproofing, Cast-In-Place & Precast Concrete, Plaza Decks, Roofing, Sealants & Adhesives	Concrete Admixtures, Sarnafil® G 410, Sarnafil® S 327, American Hydrotech® Monolithic Membrane 6125®, Sikalastic-641® Lo-VOC and Sikalastic-644® Lo-VOC Roofing and Waterproofing Systems, Sikaflex®-1a, SikaProof® A+	Several Sika products have Type III, product-specific EPDs. For a comprehensive list of American Hydrotech®'s current EPDs, please visit the American Hydrotech® website. All other Sika® EPDs can be found in our EPD library.
				Building Envelope, Building Finishes	Rmax Polyiso Wall Insulation Boards, Rmax Polyiso Roof Insulation Boards, Sika® Thin Set Mortars and Tile Setting Grouts	Several Sika products have industry-wide EPDs. Rmax insulation products are covered under an industry-wide EPD published by the Polyisocyanurate Insulation Manufacturers Association. Sika® Thin Set Mortars and Tile Setting Grouts are covered under an industry-wide EPD published by the Tile Council of North America. To view these EPDs, please visit the RMAX website and Sika®'s EPD library.

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MATERIALS AND RESOURCES (MR)						
Building Product and Disclosure Optimization – Material Ingredients	NC CS S R DC W+D HS H	1-2	To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.	Cast-In-Place & Precast Concrete, Floors & Walls, Sealants & Adhesives, Traffic Coatings, Concrete Repair & Protection, Balconies	Several	Several Sika® concrete, flooring, RSB, and vertical glass products have third-party certified material ingredient reports (MIRs). To view these reports, please visit our Material Ingredient Reports library.
				Roofing	Sika® Sarnafil® roofing products	Sika® Sarnafil® roofing products do not contain REACH substances of very high concern. Therefore, these products can be valued at 100% of cost under Option 2 through the International Alternative Compliance Path.
Building Product Disclosure and Optimization – Sourcing of Raw Materials	NC CS S R DC W+D HS H	1-2	To encourage the use of products and materials for which life-cycle	Flooring	Sika® ComfortFloor®	Sika® ComfortFloor® is manufactured using rapidly renewable materials and has shock pads containing 80% post-consumer recycled content.
				Roofing, Plaza Decks, Building Envelope	Sikaplan® & Sarnafil® roofing membranes, American Hydrotech® MM6125®	Several Sika® roofing products contain recycled content, including post-consumer recycled content from our recycling program as well as pre-consumer content. Sika®'s 10-foot wide Sarnafil® and Sikaplan® roofing membranes, PVC Protection Layer, and Signature group of products all contain an average of 10 percent recycled vinyl content from pre- and post-consumer sources. American Hydrotech® offers products with pre- and post-consumer recycled content. This includes MM6125® which contains up to 40% post-consumer content.
PBT Source Reduction – Lead, Cadmium, and Copper	H	2	To reduce the release of persistent, bioaccumulative, and toxic (PBT) chemicals associated with the life-cycle of building materials.	Several	Several	Several Sika® products are lead and cadmium free. Please contact us for more information on this credit.

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MATERIALS AND RESOURCES (MR)						
Construction and Demolition Waste Management	NC CS S R DC W+D HS H	1-2	To reduce construction and demolition waste disposed of in landfills and incineration facilities by recovering, reusing, and recycling materials.	Plaza Decks, Slab On Ground, Below Grade Waterproofing, Cast-In-Place & Precast Concrete	SikaPlast®, Sika® ViscoCrete®, SikaPump®, SikaRapid®	Sika® concrete produces stabilizing and water reducing admixtures which enable the use of recycled materials, including on-site aggregates, within concrete. For example, SikaPlast® and Sika® ViscoCrete® allow for the incorporation of recycled aggregates. SikaPump® allows for reliable and efficient concrete placing with the use of recycled aggregates. In cohesion, SikaRapid® compensates for the loss of early strength by using Supplementary Cementitious Material (SCM).
				Roofing	Sarnafil® and SikaPlan® roofing membranes	Sika® offers a roof recycling program that has accepted and recycled more than 80,000,000 pounds of materials. Participating in this program reduces the project's carbon footprint, reduces waste, and saves our customers money.
				Building Envelope, Balconies, Below Grade Waterproofing, Concrete Repair & Protection, Plaza Decks, Sealants & Adhesives	Several	Our repair and protection products include a vast variety of solutions that aim to restore structures to reduce construction and demolition waste. Sika® and EMSEAL® offer refurbishment solutions which aim to extend the lifetime of existing buildings and infrastructures by reducing the frequency of repairs needed and materials used. These restorative solutions lead to less impact on the environment and more cost saving initiatives making it the perfect solution for a sustainable future.
V4.1 Pilot Credit: Certified Multi-attribute Products and Materials	NC CS S R DC W+D HS H	1	To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.	Roofing	Sika® Sarnafil® G 410, Sarnafil® S 327	Sika® Sarnafil® G 410 and Sarnafil® S 327 membranes are certified Platinum under NSF/ANSI 347-2012: A Sustainability Assessment for Single Ply Roofing Membranes.
INDOOR ENVIRONMENTAL QUALITY (EQ)						
Minimum Acoustic Performance	S	P	To provide classrooms that facilitate teacher-to-student and student-to-student communication through effective acoustic design.	Roofing	Sika® Sarnafil®, American Hydrotech®	Sika® Sarnafil® and American Hydrotech® offer roofing solutions that help dampen outdoor noises and enhance acoustic performance, including single ply membranes with insulation and vegetated roofing systems.
				Vertical Glass	Sikasil® WS-305 AM, Sikaflex® 510 AM50, SikaDamp®-630	Sika® offers sound damping products such as Sikasil® WS-305 AM and Sikaflex® 510 AM50 which are sound transmission class (STC) rated in accordance with ASTM E90-09, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements. Additionally, SikaDamp®-630 can reduce noises associated with structure borne vibration.

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INDOOR ENVIRONMENTAL QUALITY (EQ)						
Low-Emitting Materials	S H	1-3	To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.	Concrete Repair & Protection, Plaza Decks, Below Grade Waterproofing, Cast-In-Place & Precast Concrete, Slab on Ground	Concrete Admixtures, Concrete Fibers, Mortars	Concretes without surface coatings, binders, and sealants are considered inherently non-emitting of volatile organic compounds (VOCs). Sika® cement-based products are inherently non-emitting.
				Floors & Walls, Building Finishes, Sealants & Adhesives, Vertical Glass Building Envelope, Balconies, Façade Window & Door	Several	Several Sika® flooring, Building Finishes, RSB, EMSEAL® and Parex® products have undergone volatile organic compound (VOC) compliance testing through Berkley Analytical. This testing is done in accordance with the California Department of Public Health (CPHD) Method v1.2-2017.
				Building Envelope, Plaza Decks, Roofing	Rmax Polyiso Insulation Boards	Rmax is certified Clean Air Gold by Intertek Sustainability, meaning that Rmax products have a total volatile organic compound (TVOC) content of 0.5 mg/m ³ or less and are tested in conformance with the California Department of Public Health (CDPH) Standard Method v1.2 (2017).
Quality Views	NC CS S R DC W+D HS H	1-2	To give building occupants a connection to the natural outdoor environment by providing quality views.	Roofing	Sika® Sarnafil® vegetated roofs, American Hydrotech® garden roofs, Liquid Applied Membranes (LAMs)/ Sikalastic® with green roof systems	Sika® Sarnafil® green roofs and American Hydrotech® garden roofs are visually stimulating and can maximize views to green spaces in urban areas. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
				Vertical Glass	Sikasil® SG-500 CN, Sikasil® SG-10, SikaForce®-735 GG	Use Sika® vertical glass products in conjunction with outdoor-facing windows to provide building occupants with views to the outdoor environment. Views can be maximized with our structural sealants (including Sikasil® SG-500 CN and Sikasil® SG-10) which can help reduce the required window frame width and our glass setting resins (including SikaForce®-735 GG) which allow for the installation of frameless glass railings.

CREDITS	RELEVANCE	POINTS	INTENT	TARGET MARKET	PRODUCTS	SIKA SOLUTIONS
INDOOR ENVIRONMENTAL QUALITY (EQ)						
Thermal Comfort	NC S R DC W+D HS H	1	To promote occupants' productivity, comfort, and well-being by providing quality thermal comfort.	Slab on Ground, Below Grade Waterproofing, Cast-In-Place & Precast Concrete, Plaza Decks	Sika® Plastiment®	Sika® Plastiment® aids in maintaining a comfortable thermal environment by decelerating the effects of high ambient temperatures.
				Building Envelope, Plaza Decks	SikaTherm® AL/GT, Sika® Rmax Pro Select R-Matte® Foam Insulation Board	Sika's insulation products provide superior thermal capabilities that out-perform competing products. SikaTherm® AL/GT provides an extremely low thermal conductivity value of 0.023 – 0.028 W/m-K, which is lower than that of mineral wool and EPS. Sika® Rmax Pro Select R-Matte® Foam Insulation Board has a higher R-value than other competing foam boards. The product also features a reflective radiant barrier, which can be used to reflect heat rays back into the atmosphere.
				Roofing	Sikatherm®, Sarnatherm® PIR AL/GT	Sikatherm® and Sarnatherm® PIR AL/GT provide superior thermal performance, with a thermal conductivity value minimum 0.028 W/m-K. Unlike most other insulating solutions, PIR is compatible with a wide variety of roofing systems including both single-ply and liquid-applied membranes (LAM). The result is a versatile thermal roofing system that provides an enhanced building envelope, leading to a comfortable indoor environment with reduced heating and cooling loads.
				Building Envelope, Balconies, Below Grade Waterproofing, Concrete Repair & Protection, Plaza Decks, Sealants & Adhesives	EMSEAL® preformed sealants, Sikagard®-510, Sikagard®-535, Sikaflex®-102 EverFlash Membrane, Sika® MultiSeal Plus, Sika® MultiSeal-500, Sika® MultiSeal-505, SikaMembran®-540, Sikaflex®-11 FC .	Sika® and EMSEAL® offer RSB products that improve the building envelope's air tightness, ultimately reducing drafts within the building and increasing the occupants' thermal comfort.
				Vertical Glass	Sikasil® IG 25 US, Sikasil® IG 25 HM Plus, Sikasil® SG-10, Sikasil® SG-10, Sikasil® SG-18	Sika® offers insulated glass sealing products including Sikasil® IG 25 US, Sikasil® IG 25 HM Plus, Sikasil® SG-10, Sikasil® SG-10, and Sikasil® SG-18. Sika weather sealants, flashing membranes, and structural sealants also aid in weatherproofing the building and improving overall thermal comfort.
				Building Finishes	Several	Sika® and Parex® systems with incorporated insulation increase thermal envelope performance, leading to increased occupant comfort and energy savings.

NC = New Construction
CS = Core and Shell
S = Schools

R = Retail
DC = Data Centers
W+D = Warehouses and Distribution Centers

HS = Hospitality
H = Healthcare

WHAT IS THE WELL BUILDING STANDARD®?

The WELL Building Standard® is a green building rating system curated by Delos. Administered by the International WELL Building Institute™ (IWBI™) and certified by the Green Building Certification Inc. (GBCI), WELL certified and registered projects account for more than 3.3 billion square feet of development across over 35,000+ projects and 109 countries [2]. Certification levels include Silver, Gold, and Platinum, and are awarded based on a points system. WELL projects can achieve points by earning credits across a variety of “concepts” including Air, Water, Nourishment, Light, Movement, Thermal Comfort, Sound, Materials, Mind, and Community.



[2] “International Well Building Institute.” International WELL Building Institute Homepage, <https://www.wellcertified.com/>.

WELL v2™					
CREDITS	POINTS	INTENT	TARGET MARKET	PRODUCTS	SIKA SOLUTIONS
AIR					
A14 Microbe and Mold Control	1-2	Reduce mold and bacteria growth through condensation management and reduce levels of microbes within occupied spaces.	Flooring, Floor Covering Installation	SikaFloor® Merflex®, SikaTile®-100 Moisture Guard	SikaFloor® Merflex® and SikaTile®-100 Moisture Guard provide waterproof flooring that can assist in creating an environment with reduced levels of microbes and mold.
			Insulation	SikaTherm® AL/GT, Rmax Polyiso Wall Insulation Boards, Rmax Polyiso Roof Insulation Board	SikaTherm® AL/GT, Rmax Polyiso Wall Insulation Boards, Rmax Polyiso Roof Insulation Board
			Roofing	Sika® Sarnafil® roofing membranes, Sika® Liquid Applied Membranes (LAMs)	Sika® Sarnafil® and LAM offer roofing and waterproofing solutions that are highly resistant to bacterial growth and ponding water.
			Floors & Walls, Building Envelope, Sealants and Adhesives	Sika® wall and floor systems, EMSEAL® performed hybrid sealants	Many Sika® and EMSEAL® RSB products offer microbiological resistance. Sika® RSB, SikaFloor®, Sikgard seamless wall and ceiling coating systems are tested in accordance with ASTM G21: Standard practice for determining resistance of synthetic polymeric materials to fungi and ASTM D3273: Standard test method for resistance to growth of mold on interior coating surfaces in and environmental chamber. EMSEAL® performed hybrid sealants provide the building with a watertight sealing that mitigates the formation of molds.

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WATER					
W07 Moisture Management	1-3	Limit the potential for bacteria and mold growth within buildings from water infiltration and condensation.	Cast-In-Place & Precast Concrete, Slab On Ground, Below Grade Waterproofing, Plaza Decks	SikaMix® AE-6, SikaMix® AE-6 M, SikaMix® AE-3, SikaMix® W-10	Sika® concrete admixtures are water-repellent and reduce efflorescence.
			Flooring, Floor Covering Installation	SikaFloor® Merflex®, SikaTile®-100 Moisture Guard	SikaFloor® Merflex® and SikaTile®-100 Moisture Guard provide waterproof flooring that can assist in creating an environment with reduced levels of microbes and mold.
			Insulation	SikaTherm® AL/GT, Rmax Polyiso Wall Insulation Boards, Rmax Polyiso Roof Insulation Board	Both SikaTherm® AL/GT and Sika® Rmax products are manufactured with a closed-foam cell structure, which has a low water absorption capacity and is resistant to fungal growth.
			Roofing	American Hydrotech® MM6125®, Liquid Applied Membranes (LAMs)	Sarnafil® and LAM offer roofing solutions that are highly resistant to bacterial growth, ponding water, and water infiltration. American Hydrotech® offers waterproofing membranes such as MM6125® that reduce water infiltration.
			Floors & Walls, Building Envelope, Sealants and Adhesives	Sika® wall and floor systems, EMSEAL® performed hybrid sealants	Sika® and EMSEAL® RSB products can improve building moisture management. Sika® offers liquid applied waterproofing coatings that can be used in a wide variety of settings and protect against water penetration. EMSEAL® performed hybrid sealants provide the building with watertight sealing.
			Vertical Glass, Sealants & Adhesives	Sika® SilBridge 300, Sikasil® WS-290, Sikasil® WS-295, Sikasil® WS-305 US, Sikaflex®-1a, Sikaflex®-1c SL, Sikaflex®-2c NS TG, Sikaflex®-2c SL, Sikaflex®-15 LM	Sika® offers several weather-sealing products that prevent storm water infiltration in addition to a variety of sealants that are validated by the Sealant Waterproofing and Restoration Institute (SWRI) and are classified in accordance with ASTM C920.
			Building Finishes	Merkrete Hydro Guard SP-1, Fracture Guard, SikaTile®-100 Moisture Guard, SikaTile®-200 Fracture Rapid Guard, ready to use acrylic emulsion and epoxy grouts, WeatherSeal Spray & Roll-On	Sika® Building Finishes offer a variety of products that can improve building moisture management.
NUTRITION					
N12 Food Production	2	Provide opportunities for on-site food production and increase food access.	Roofing	Sarnafil® or Sikaplan® membranes, Sikalastic® liquid-applied solutions, and American Hydrotech® Ultimate Assembly® and garden roofs	Sika® Sarnafil® vegetated roofing systems and American Hydrotech® garden roofs can support a variety of garden plants and herbs. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.

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THERMAL COMFORT					
T01 Thermal Performance	P	Ensure that the majority of building users find the thermal environment acceptable.	Cast-In-Place & Precast Concrete, Slab On Ground, Below Grade Waterproofing, Plaza Decks	Sika® Plastiment®	Sika® Plastiment® aids in maintaining a comfortable thermal environment by decelerating the effects of high ambient temperatures.
			Insulation	SikaTherm® AL/GT, Sika® Rmax Pro Select R-Matte® Foam Insulation Board	Sika's insulation products provide superior thermal capabilities that out-perform competing products. SikaTherm® AL/GT provides an extremely low thermal conductivity value of 0.023 - 0.028 W/m·K, which is significantly lower than that of mineral wool and EPS. Sika® Rmax Pro Select R-Matte® Foam Insulation Board has a higher R-value than other competing foam boards. The product also features a reflective radiant barrier, which can be used to reflect heat rays back into the atmosphere.
			Roofing	Sikatherm®, Sarnatherm® PIR AL/GT, Liquid Applied Membranes (LAMs)	Sikatherm® and Sarnatherm® PIR AL/GT provide superior thermal performance, with a thermal conductivity value minimum 0.028 W/m·K. Unlike most other insulating solutions, PIR is compatible with a wide variety of roofing systems including both single-ply and liquid-applied membranes (LAM). The result is a versatile thermal roofing system that provides an enhanced building envelope, leading to a comfortable indoor environment with reduced heating and cooling loads.
			Vertical Glass, Sealants & Adhesives, Roofing	Sikasil® IG 25 US, Sikasil® IG 25 HM Plus, Sikasil® SG-10, Sikasil® SG-10, Sikasil® SG-18, weather sealants, flashing membranes, structural sealants	Sika® offers insulated glass sealing products including Sikasil® IG 25 US, Sikasil® IG 25 HM Plus, Sikasil® SG-10, Sikasil® SG-10, and Sikasil® SG-18. Sika weather sealants, flashing membranes, and structural sealants also aid in weatherproofing the building and improving overall thermal comfort.
T02 Verified Thermal Comfort	1-3	Enhance thermal comfort and promote human productivity by ensuring that a substantial majority of building users (above 80%) perceive their environment as thermally acceptable.	Cast-In-Place & Precast Concrete, Slab On Ground, Below Grade Waterproofing, Plaza Decks	Sika® Plastiment®	Sika® Plastiment® aids in maintaining a comfortable thermal environment by decelerating the effects of high ambient temperatures.
			Insulation	SikaTherm® AL/GT, Rmax Pro Select R-Matte® Foam Insulation Board	Sika's insulation products provide superior thermal capabilities that out-perform competing products. SikaTherm® AL/GT provides an extremely low thermal conductivity value of 0.023 - 0.028 W/m·K, which is significantly lower than that of mineral wool and EPS. Rmax Pro Select R-Matte® Foam Insulation Board has a higher R-value than other competing foam boards. The product also features a reflective radiant barrier, which can be used to reflect heat rays back into the atmosphere.
			Roofing	Sikatherm®, Sarnatherm® PIR AL/GT, Liquid Applied Membranes (LAMs)	Sikatherm® and Sarnatherm® PIR AL/GT provide superior thermal performance, with a thermal conductivity value minimum 0.028 W/m·K. Unlike most other insulating solutions, PIR is compatible with a wide variety of roofing systems including both single-ply and liquid-applied membranes (LAM). The result is a versatile thermal roofing system that provides an enhanced building envelope, leading to a comfortable indoor environment with reduced heating and cooling loads.
			Vertical Glass, Sealants & Adhesives, Roofing	Sikasil® IG 25 US, Sikasil® IG 25 HM Plus, Sikasil® SG-10, Sikasil® SG-10, Sikasil® SG-18, weather sealants, flashing membranes, structural sealants	Sika® offers insulated glass sealing products including Sikasil® IG 25 US, Sikasil® IG 25 HM Plus, Sikasil® SG-10, Sikasil® SG-10, and Sikasil® SG-18. Sika weather sealants, flashing membranes, and structural sealants also aid in weatherproofing the building and improving overall thermal comfort.

CREDITS	POINTS	INTENT	TARGET MARKET	PRODUCTS	SIKA SOLUTIONS
SOUND					
S02 Maximum Noise Levels	1-3	Establish background noise level criteria for enclosed spaces to promote best-practice HVAC and façade design techniques and ultimately bolster acoustical comfort within.	Roofing	Sarnafil® vegetated roofing systems, American Hydrotech® garden roofs, Sikalastic® Liquid Applied Membranes (LAMs)	Sika® offers roofing solutions that help dampen outdoor noises and enhance acoustic performance. Solutions include single-ply membranes with insulation, Sarnafil® vegetated roofing systems, and American Hydrotech® garden roofs. Liquid Applied Membranes (LAMs) such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
			Vertical Glass, Industry	Sikasil® WS-305 AM, Sikaflex® 510 AM50, SikaDamp®-630	Sika® offers sound damping products such as Sikasil® WS-305 AM and Sikaflex® 510 AM50 which are STC rated in accordance with ASTM E90-09, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements. Additionally, SikaDamp®-630 can reduce noises associated with structure borne vibration.
MATERIALS					
X01 Material Restrictions	P	Reduce or eliminate human exposure to building materials known to be hazardous.	Several	Several	Several Sika® products do not contain any intentionally added asbestos, mercury, or lead in concentrations greater than 0.1% (1000 ppm) by weight. Please contact us for more information on this credit.
X05 Enhanced Material Restrictions	1	Minimize the exposure to certain chemicals by limiting their presence in products.	Several	Several	Several Sika® products do not contain halogenated flame retardants (HFR), Per- and polyfluoroalkyl substances (PFAS), and Orthophthalates. Please contact us for more information on this credit.
X06 VOC Restrictions	2	Minimize the impact of volatile organic compounds (VOCs) emitted by products on indoor air quality.	Floors & Walls, Building Finishes, Sealants & Adhesives, Vertical Glass Building Envelope, Balconies, Façade Window & Door	Several	Several Sika® flooring, Building Finishes, RSB, EMSEAL® and Parex® products have undergone volatile organic compound (VOC) compliance testing through Berkley Analytical. This testing is done in accordance with the California Department of Public Health (CPHD) Method v1.2-2017.
			Insulation	Rmax Polyiso Wall Insulation Boards, Rmax Polyiso Roof Insulation Board	Rmax is certified Clean Air Gold by Intertek Sustainability, meaning that Rmax products have a TVOC content of 0.5 mg/m³ or less and are tested in conformance with the CDPH Standard Method v1.2 (2017).
X07 Materials Transparency	1	Promote material transparency across building material and product supply chain.	Cast-In-Place & Precast Concrete, Floors & Walls, Sealants & Adhesives, Traffic Coatings, Concrete Repair & Protection, Balconies	Several	Several Sika® concrete, flooring, RSB, and vertical glass products have third-party certified material ingredient reports (MIRs). To view these reports, please visit our Material Ingredient Reports library.

CREDITS	POINTS	INTENT	TARGET MARKET	PRODUCTS	SIKA SOLUTIONS
MIND					
M02 Nature and Place	P	Support occupant well-being by incorporating the natural environment throughout the project and integrating design strategies that celebrate the project's unique identity.	Roofing	Sarnafil® or Sikaplan® membranes, Sikalastic® liquid-applied solutions, and American Hydrotech® Ultimate Assembly® and garden roofs	Sika® Sarnafil® green roofing systems and American Hydrotech® garden roofs can provide building occupants with easy access to nature and improve mental wellbeing. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
			Vertical Glass	Sikaflex®, Sikasil®, SikaForce®, SikaTack®	Use Sika® vertical glass products in conjunction with outdoor-facing windows to provide building occupants with views to the outdoor environment.
M07 Restorative Spaces	1	Support access to spaces that promote restoration and relief from mental fatigue or stress.	Roofing	Sarnafil® or Sikaplan® membranes, Sikalastic® liquid-applied solutions, and American Hydrotech® Ultimate Assembly® and garden roofs	Sika® Sarnafil® vegetated roofing systems and American Hydrotech® garden roofs can provide a naturalized space for building occupants to enjoy a break. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
			Vertical Glass	Sikaflex®, Sikasil®, SikaForce®, SikaTack®	Use Sika® vertical glass products in conjunction with outdoor-facing windows to provide building occupants with views to the outdoor environment.
M09 Enhanced Access to Nature	1	Support access to nature beyond M02: Access to Nature and Beauty, by further incorporating nature through interior design, exterior design and access to nearby nature.	Roofing	Sarnafil® or Sikaplan® membranes, Sikalastic® liquid-applied solutions, and American Hydrotech® Ultimate Assembly® and garden roofs	Sika® Sarnafil® vegetated rooftops and American Hydrotech® garden roofs maximize the percentage of a project's site area that can be dedicated to green spaces. LAMs such as Sikalastic® are ideally suited to green roof systems due to their full surface adhesion and root and micro-organism resistance.
			Vertical Glass	Sikaflex®, Sikasil®, SikaForce®, SikaTack®	Use Sika® vertical glass products in conjunction with outdoor-facing windows to provide building occupants with views to the outdoor environment.

P = Precondition



CONSERVING TODAY, PRESERVING TOMORROW.

As a global company, Sika is committed to sustainable development. The company honors its responsibilities by offering sustainable solutions for energy-efficient constructions and environmentally-friendly vehicles. It also implements numerous projects and measures aimed at boosting the Group's business, social, and ecological sustainability.

Our most current General Sales Conditions shall apply. Please consult the Product Data Sheets prior to any use and processing.

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