



January 24th, 2019

**Sika Canada Inc. – Letter of intent regarding Sika products to be used in LEED v4 projects**

As a leading manufacturer of specialty chemicals for the construction and manufacturing sectors, and a member of the Canadian Green Building Council (CaGBC), Sika Canada is officially engaged in the transparency process associated with sustainable construction. Sika is currently working in collaboration with Groupe AGÉCO to develop Environmental Product Declarations (EPD) for flooring products but also for concrete maintenance & repair materials, in order to provide architects, engineers and other stakeholders in LEED v4 projects, information on the environmental performance of these products. This engagement is also a positive response from Sika Canada to the *CBDCa-QC* and several architectural firms joint initiative for durable construction materials. Read more: <http://batimentdurable.ca/initiative-quebecoise-pour-la-transparence-des-materiaux>

For the time being, Sika has identified three (3) credits where its products can contribute to obtain points:

- 1) *Material Credit – Environmental Product Declaration – Option 1*
- 2) *Environmental Credit – Low Emitting Materials*
- 3) *Material Credit – Material Ingredients – Option 1*

For more information and updates, visit:

[https://www.cagbc.org/CAGBC/LEED/LEED\\_v4/LEEDv4Resources/CAGBC/Programs/LEED/LEEDv4/LEED\\_v4\\_Resources.aspx?hkey=d5272360-b7e5-430f-b2ab-09ec70c7b1af](https://www.cagbc.org/CAGBC/LEED/LEED_v4/LEEDv4Resources/CAGBC/Programs/LEED/LEEDv4/LEED_v4_Resources.aspx?hkey=d5272360-b7e5-430f-b2ab-09ec70c7b1af)

**1) MR – Environmental Product Declaration – Option 1**

Below is a list of Sika products for which Environmental Product Declarations are currently developed, along with the documents availability. **Please note that the information related to the EPD availability may vary due to external factors outside of Sika’s control.**

Product Name/System	Description	EPD availability
<b>Concrete repair and maintenance products</b>		
Sikacrete®-08 SCC	Ready-to-use, bagged, self-compacting concrete (SCC)	2019 - Q1
Sikacrete®-211 Flow PLUS	Cementitious, silica fume-modified concrete mix	2019 - Q1
SikaQuick-1000 <sup>CA</sup>	Rapid-hardening repair mortar with extended working time	2019 - Q1
SikaGrout®-212 / -212 HP	Non-shrink, silica fume modified cementitious grouts	2019 - Q1

SikaGrout®-277 Cable	Highly fluid, sand-free and washout resistant cementitious grout	2019 - Q1
SikaGrout®-300 PT	High-performance, zero-bleed, sand-free, cementitious grout	2019 - Q1
Sika® MonoTop®-622/-623	Polymer-modified repair and reprofiling mortars	2019 - Q1
SikaTop®-121 PLUS	Mortar / binder with migrating corrosion inhibitor	2019 - Q1
SikaTop®-122 PLUS	Polymer-modified, cementitious, trowel-grade mortar	2019 - Q1
SikaTop®-123 PLUS	Polymer-modified, non-sag, cementitious mortar with silica fume	2019 - Q1
SikaTop®-Armatec-110 EpoCem	Anti-corrosion coating and bonding agent	2019 - Q1
Sika Level-01 Primer <sup>CA</sup>	Concrete primer & sealer for Sika® Level and Sikafloor® Level	2019 - Q1
Sika® Level-25/-50 <sup>CA</sup>	Cementitious self-levelling floor screeds	2019 - Q1
Sikafloor® Level-125 <sup>CA</sup>	Self-levelling cementitious underlayment for use at 1 to 38 mm	2019 - Q1
Sikadur®-30	Structural epoxy adhesive for Sika® Carbodur® reinforcement systems	2019 - Q1
Sikadur®-300	High strength, impregnating resin for Sikawrap® systems	2019 - Q1
Sikadur®-330	Impregnation resin for fabric reinforcement	2019 - Q1
Sikadur®-31 Hi-Mod Gel	High-strength, structural, epoxy paste adhesive	2019 - Q1
Sikadur®-32 Hi-Mod	Epoxy-based protective coating and bonding adhesive	2019 - Q1
Sikadur®-42 Grout Pak LE	Pre-proportioned, precision epoxy grouting system	2019 - Q1
Sika® Loadflex-524 EZ	Load-bearing, semi-rigid, polyurea control joint filler	2019 - Q1
<b>Protective and decorative coatings for concrete</b>		
Sikagard® SN-40 lo-VOC	Water-repelling sealer	2019 - Q1
Sikagard® SN-100	Water-repelling silane sealer	2019 - Q1
Sikagard®-550W Elastic	Crack-bridging and anti-carbonation, protective/decorative coating	2019 - Q1
<b>Floor/wall coatings</b>		
Sikagard Duroplast-100N	Abrasion resistant, antimicrobial epoxy floor and wall coating	2019 - Q1
Sikagard Duroplast-150N	UV resistant and antimicrobial epoxy wall coating	2019 - Q1
Sikagard Duroplast EE	Water-based epoxy blockfiller	2019 - Q1
Sikafloor®-156 <sup>CA</sup>	Epoxy primer	2019 - Q1
Sikafloor®-1610	Primer / moisture barrier for Sikafloor®, Sikagard® & Sikalastic® systems	2019 - Q1
Sikafloor®-217	UV resistant, clear epoxy resin used as a primer, binder & top coat	2019 - Q1
Sikafloor®-261 <sup>CA</sup>	Smooth finish coating (20 - 30 mils)	2019 - Q1
Sikafloor®-2002	Clear epoxy binder and top coat	2019 - Q1
Sikafloor® Duochem-305	Urethane-acrylic glaze-coat and sealer for floors, walls and ceilings	2019 - Q1
Sikafloor® Duochem-9200	Clear epoxy binder resin for trowelled quartz system	2019 - Q1
<b>Specialty floor coatings (antistatic, resilient, chemical resistance, food processing grade, etc.)</b>		
Sikafloor®-222W	Intermediate conductive primer for Sikafloor® ESD systems	2019 - Q1
Sikafloor®-260 ESD	Electrostatic control high build epoxy coating	2019 - Q1
Sikafloor®-270 ESD	Chemical resistant & electrostatic control high build Novolac epoxy	2019 - Q1
Sikafloor®-300N	Self-levelling, aliphatic PU base coat for Sika Comfortfloor® systems	2019 - Q1
Sikafloor®-330	Self-levelling, elastomeric PU base coat for Sika Comfortfloor® systems	2019 - Q1
Sikafloor® Comfort Regupol 6015H	Prefabricated rubber crumb pad for Sika Comfortfloor® Pro systems	2019 - Q1
Sikafloor® Comfort Adhesive	PU-based adhesive for Sikafloor® Comfort Regupol 6015H	2019 - Q1
Sikafloor® Comfort Porefiller	Levelling & sealing compound for Sikafloor® Comfort Regupol 6015H	2019 - Q1
Sikafloor®-304W/-305W/-306W	Pigmented PU-based seal/top coats for Sika Comfortfloor® systems	2019 - Q1
Sikafloor®-22 NA PurCem	Self-levelling PU / cement screed for medium-duty applications	2019 - Q1
Sikafloor®-31 NA PurCem	PU / cement primer, coating and top coat	2019 - Q1

Sikafloor®-33 NA PurCem	PU / cement standalone coating & system top coat	2019 - Q1
Sikafloor® Terrazzo	Pigmented epoxy resin binder for thin-set terrazzo floor systems	2019 - Q1
Sikafloor® Fastflor CR	Chemical-resistant, fast-cure, epoxy floor coating	2019 - Q1
<b>Parking deck/waterproofing membranes</b>		
Sika® MT Primer	Moisture-tolerant and adhesion promoting primer	2019 - Q1
Sikalastic®-120 FS Primer	Two-components, high-solids, translucent epoxy primer for fast turnaround applications	2019 - Q1
Sikalastic®-220 FS	100 % solids, epoxy binder used to protect Sikalastic®-390 Membrane	2019 - Q1
Sikalastic®-390 Membrane	Two-component PU waterproofing membrane	2019 - Q1
Sikalastic®-391 N	Two-component elastomeric PU-based wear course	2019 - Q1
<b>Roofing products</b>		
Sika Sarnafil G 410	Single-ply roofing membrane	Available
Sika Sarnafil S 327	Single-ply roofing membrane	Available
Sikaplan - Adhered	Single-ply roofing membrane (fully-adhered)	Available
Sikaplan - Fastened	Single-ply roofing membrane (mechanically-fastened)	Available

#### Environmental Credit – Low Emitting Materials

Here are the **products that have already been tested and that currently meet the requirements of this credit** (tests results available upon request). Note that the VOC emission testing (tests in emission chamber, as per *CPDH Standard Method V1.2-2017*) is carried out by a third-party laboratory.

Product Name/System	Description
<b>Polyurethane-based sealants</b>	
Sikaflex®-1a	One-component, medium modulus & high performance, elastomeric polyurethane sealant
Sikaflex®-1c SL	High performance, self-levelling one-part polyurethane sealant
Sikaflex®-2c NS EZ Mix	Two-component, non-sag, polyurethane elastomeric sealant
Sikaflex®-15 LM	One-component, low modulus and high performance, elastomeric polyurethane sealant
Sikaflex® Construction Sealant	One-component, multi-purpose, polyurethane sealant
Sikaflex® Self-Leveling Sealant	High performance, self-levelling, one-part polyurethane sealant
Sikaflex® Crack Flex Sealant	High performance, textured, self-levelling, one-part polyurethane sealant
Sikaflex® Mortar Fix	One-component, all purpose, polyurethane sealant
Sikaflex® Concrete Fix	One-component and polyurethane-based elastomeric sealant for cracks, gaps and joints
<b>Silicone-based sealants</b>	
Sikasil®-290	Ultra-low modulus, neutral-cure and no-bleed silicone sealant
Sikasil®-295	Structural glazing / weather sealing grade, neutral-cure and no-bleed silicone sealant
Sikasil®- N PLUS US	Professional-grade neutral-cure, silicone construction sealant
<b>Flooring products</b>	
Sikafloor®-156 <sup>CA</sup>	Epoxy primer
Sikafloor®-1610	Primer / moisture barrier for Sikafloor®, Sikagard® & Sikalastic® systems
Sikafloor®-217 / -218	Superior UV resistant, clear epoxy resins used as a primers, binders and top coats
Sikafloor®-261 <sup>CA</sup> /-261 Thixo	Smooth / textured finish coatings (20 - 30 mils)
Sikafloor®-305W / -304W	Pigmented PU-based seal/top coats for Sika Comfortfloor® systems
Sikafloor®-315N	High solids, low odour, highly abrasion resistant aliphatic transparent polyurethane coating
Sikafloor®-330	Self-levelling, elastomeric PU base coat for Sika Comfortfloor® systems

Sikafloor®-510 / -510 N LPL	High solids, fast curing, UV resistant, high strength, polyaspartic finish coat
Sikafloor®-511	High strength, UV resistant, polyaspartic urethane coating
Sikafloor®-31 (-19 / -20 / -22 / -24 NA PurCem)	PU / cement primers, coatings and top coats
Sikafloor®-33 NA PurCem	PU / cement standalone coating & system top coat

## 2) Material Credit – Material Ingredients – Option 1

Work is under way for this credit and we will communicate the results as soon as we have the documents ready.

## 3) Information on material/products considered as “inherently non-emitting sources”:

Sika’s ready-to-use bagged concrete, mortars, screeds, cementitious grouts, repair compounds, along with aggregate- and cement-based surface hardeners (as supplied to the customer) intended for concrete repair and maintenance of concrete and for which the initial VOC content has been established at 0 g/L<sup>1</sup> may be considered as “Inherently non-emitting sources” like concrete, and **are not subjected to chamber testing for VOC emissions**<sup>2</sup>.

Product Name	Description	VOC content
Sikacrete®-08 SCC	Ready-to-use, bagged, self-compacting concrete (SCC)	0 g/L
Sikacrete®-211 Flow PLUS	Cementitious, silica fume-modified concrete mix	0 g/L
SikaGrout®-212 /-212 HP	Versatile and non-shrink, cementitious grout / silica fume modified grout	0 g/L
Sika® M-Bed Standard	Non-shrink, gassing, cementitious grout	0 g/L
SikaQuick®-1000/-2500	Rapid-hardening repair mortars with extended working time	0 g/L
SikaSet® Plug	Fast-setting, high strength, chloride-free compound for leak sealing and concrete repairs	0 g/L
SikaRepair®-223	Early strength-gaining, cementitious, patching mortar for vertical & overhead repairs.	0 g/L
Sika® MonoTop®-622/-623	Polymer-modified repair and reprofiling mortars	0 g/L
Sika® Diamag-7	Mineral broadcast-applied surface hardener.	0 g/L
Sika® EmeriCrete Topping & SH	Premixed, natural emery aggregate surface hardeners	0 g/L
SikaTop® Seal-107	Flexible, waterproof and protective slurry mortar	0 g/L
Sika® Level-25/-50 <sup>CA</sup>	Cementitious self-levelling floor screeds	0 g/L
Sika® Level SkimCoat <sup>CA</sup>	Fast-drying cementitious mortar for repair/re-profiling of concrete & subfloors	0 g/L
Sikafloor® Level-125 <sup>CA</sup>	Self-levelling cementitious underlayment for use at 1 to 38 mm	0 g/L
Sikafloor®-52 PC Grey /-53 PC White	High strength, fast-setting, self-levelling, cementitious floor toppings specifically formulated to accept stains, dyes and polishing.	0 g/L

<sup>1</sup> As per SCAQMD Rule 1113 (and other accepted methods), tested in Sika Canada’s Pointe-Claire (QC) laboratories operating under the ISO 14001 and ISO 9001 certifications.

<sup>2</sup> Refer to LEED reference guide for building design and construction, p 676 – Emissions and Content Requirement: Inherently non-emitting sources.

As this is an evolving situation, Sika Canada will update regularly this information as products become eligible to contribute to points for LEED v4 projects. For updated information, please visit our website page dedicated to LEEDv4: <https://can.sika.com/en/group/sustainability/leed-v4.html>

We remain at your entire disposal to provide you with any additional information you may deem necessary for your project. Should you require any specific information for a particular project, do not hesitate to contact Sika Canada at [marketing.construction@ca.sika.com](mailto:marketing.construction@ca.sika.com)

**Declaration prepared by:**

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