



Proud Member Since 2001

BUILDING TRUST



Sika Corporation USA
201 Polito Avenue
Lyndhurst, NJ 07071 USA

**LEED® 2009 CREDIT CONTRIBUTION
REFURBISHMENT / SEALING & BONDING PRODUCTS**

June 4, 2021

(Updated by Sika Technical Services)

Dear Valued Sika Customer:

Thank you for your inquiry concerning LEED® (Leadership in Energy and Environmental Design) credits. There are still many projects based on LEED 2009; but there is an increasing number of projects now requiring information based on LEED v4. LEED v4 was published in November 2013; projects seeking LEED certification and registered after October 2016 require LEED v4. This letter primarily addresses LEED 2009 credits, yet offers some useful information toward LEED v4. Sika Corporation offers separate and specific documentation regarding LEED v4 information available for certain products.

There are up to four possible credits for the LEED® 2009 rating system that apply to Sika's products and are further described below. Always refer to the specific LEED® literature for details concerning credits and when they can be taken. As on all projects, LEED 2009 credits awarded for construction products should be reviewed, determined and/or approved by the authorized LEED Accredited Professional.

Section MR (Materials and Resources), Credit 5.1 Regional Materials - This credit relates to products manufactured within 500 miles of the building site location. The manufacturing sites of Sika products are:

Archie, Missouri 64701 USA

- Cementitious Repair Mortars and Grouts

Bayville, New Jersey 08721 USA

- Cementitious Repair Mortars and Grouts

Bensalem, Pennsylvania 10920 USA

- Cementitious Repair Mortars and Grouts

Conyers, Georgia 30013 USA

- Cementitious Repair Mortars and Grouts

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Manufacturing Sites (continued)

Dixon, California 95620 USA

- Cementitious Repair Mortars and Grouts

Fairless Hills, Pennsylvania 19030 USA

- Cementitious Repair Mortars and Grouts

Lakewood, New Jersey 08701 USA

- Single and Multi-component Silicone Joint Sealants
- Single component Hybrid Sealants

Lyndhurst, New Jersey 07071 USA

- Single Component Polyurethane Joint Sealants

Marion, Ohio 43302 USA

- Multi-component Polyurethane Joint Sealants
- Acrylic Façade Coatings
- Epoxy Resins
- Cementitious Repair Mortars & Grouts
- Industrial Flooring Products
- Polyurethane Liquid Applied Membrane Products (i.e. Sikalastic RoofPro)
- Polyurethane Traffic Coatings [i.e. Sikalastic DeckPro (300 Series and One Shot)]

Milpitas, California 95035 USA

- Cementitious Repair Mortars and Grouts

Santa Fe Springs, California 90670 USA

- Cementitious Repair Mortars and Grouts
- High Molecular Weight Methacrylates (HMWM)
- Polyurethane Traffic Coatings [i.e. Sikalastic DeckPro (700 Series)]
- Single Component, Bitumen Modified, Waterproofing Membranes

Sealy, Texas 77474 USA

- Cementitious Repair Mortars and Grouts

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Manufacturing Sites (continued)

Pointe Claire, Quebec H9R 4A9 Canada

- Industrial Flooring Products
- Chemical Resistant Coatings / Liners
- Multi-component Polyurea Control Joint Fillers

Refer to current LEED® 2009 literature and this specific credit for details and confirm your site is within 500 miles of Sika’s manufacturing facility. Due to the competitive nature of the construction marketplace, locations of extracting or harvesting of proprietary raw chemical ingredients comprising individual product formulations will not be divulged.

For listed products preceded with an asterisk (*), please contact Sika as the production location may not be listed above.

Section EQ (Indoor Environmental Quality), Credit 4.1 / [LEED v4 – EQ5 “Low Emitting Materials”] -

This section pertains to VOC limits of sealants, primers and adhesives relative to standards and test procedures set by the South Coast Air Quality Management District (SCAQMD) Rule #1168 requirements and the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 51 requirements. VOC Content values of applicable Sika products (i.e. sealants, primers, adhesives and coatings) are listed on the following pages.

Sealants (all colors unless otherwise specified)

V.O.C. Content

| | |
|------------------------------------|-----------|
| *Sika Boom | ≤ 165 g/l |
| *Sika Duoflex NS | 0 g/l |
| *Sika Duoflex SL | 0 g/l |
| Sika Loadflex-524 EZ | ≤ 10 g/l |
| Sikacryl-20 FC | ≤ 2 g/l |
| Sikadur-51 NS | ≤ 94 g/l |
| Sikadur-51 SL | ≤ 38 g/l |
| Sikadur-58 CJR | ≤ 93 g/l |
| Sikaflex (PRO SELECT) Concrete Fix | ≤ 40 g/l |

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Sealants (continued)

V.O.C. Content

| | |
|--|----------|
| Sikaflex + (PRO SELECT) Concrete Fix | ≤ 40 g/l |
| Sikaflex (PRO SELECT) Construction Sealant | ≤ 40 g/l |
| Sikaflex + (PRO SELECT) Construction Sealant | ≤ 40 g/l |
| Sikaflex (PRO SELECT) Crack Flex Sealant | ≤ 33 g/l |
| Sikaflex + (PRO SELECT) Crack Flex Sealant | ≤ 33 g/l |
| Sikaflex (PRO SELECT) Mortar Fix | ≤ 8 g/l |
| Sikaflex + (PRO SELECT) Mortar Fix | ≤ 8 g/l |
| Sikaflex (PRO SELECT) Self-Leveling Sealant | ≤ 30 g/l |
| Sikaflex + (PRO SELECT) Self-Leveling Sealant | ≤ 30 g/l |
| Sikaflex Textured Sealant | ≤ 40 g/l |
| Sikaflex-1A | ≤ 37 g/l |
| Sikaflex-1a + | ≤ 13 g/l |
| Sikaflex-1c Arctic | ≤ 65 g/l |
| Sikaflex-1c SL | ≤ 40 g/l |
| Sikaflex-15 LM | ≤ 33 g/l |
| Sikaflex-2c Color Pak | ≤ 23 g/l |
| Sikaflex-2c NS | ≤ 19 g/l |
| Sikaflex-2c NS Arctic | ≤ 51 g/l |
| Sikaflex-2c NS EZ Mix | ≤ 63 g/l |
| Sikaflex-2c NS EZ Mix+ | ≤ 51 g/l |
| Sikaflex-2c EZ Mix Booster | 0 g/l |
| Sikaflex-2c NS TG | ≤ 66 g/l |
| Sikaflex-2c SL | ≤ 38 g/l |
| SikaHyflex-150 LM | ≤ 18 g/l |
| SikaHyflex-407 EverFlash Universal | ≤ 19 g/l |
| Sikasil-GP (Clear & all colors other than Red) | ≤ 29 g/l |
| Sikasil-GP High Temp. Red | ≤ 20 g/l |
| Sikasil-N Plus US | ≤ 37 g/l |
| Sikasil (PRO SELECT) Builders' Silicone | ≤ 36 g/l |
| Sikasil WS-290 | ≤ 29 g/l |
| Sikasil WS-290 FPS | ≤ 29 g/l |

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Sealants (continued)

V.O.C. Content

| | |
|--------------------|----------|
| Sikasil WS-295 | ≤ 37 g/l |
| Sikasil WS-295 FPS | ≤ 37 g/l |
| Sikasil-728 NS | ≤ 21 g/l |
| Sikasil-728 RCS | ≤ 30 g/l |
| Sikasil-728 SL | ≤ 29 g/l |

Primers

V.O.C. Content

| | |
|--------------------------------|-----------|
| Sika Bonding Primer | ≤ 50 g/l |
| *Sika Concrete Primer | ≤ 284 g/l |
| Sika Concrete Primer Lo-VOC | ≤ 96 g/l |
| *Sika Duoflex Primer-5050 | ≤ 50 g/l |
| Sika Level (PRO SELECT) Primer | ≤ 47 g/l |
| Sika Level-01 Primer | ≤ 10 g/l |
| Sika Level-01 Primer Plus | ≤ 36 g/l |
| *Sika Level-02 EZ Primer | 0 g/l |
| *Sika Level-02 Primer | ≤ 10 g/l |
| *Sika Level-03 Primer | ≤ 51 g/l |
| Sika MB | ≤ 24 g/l |
| Sika MB Redline | ≤ 68 g/l |
| Sika Reactivation Primer | ≤ 385 g/l |
| Sikadur WDE Primer | 0 g/l |
| Sikaflex Primer-260 | ≤ 879 g/l |
| Sikaflex Primer-429 | ≤ 492 g/l |
| Sikaflex Primer-449 | ≤ 671 g/l |
| Sikagard-510 | ≤ 341 g/l |
| Sikagard Primer-552W | ≤ 40 g/l |
| Sikalastic DTE Primer | ≤ 16 g/l |
| Sikalastic EP Primer Rapid | ≤ 75 g/l |
| Sikalastic EP Primer / Sealer | ≤ 78 g/l |

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Primers (continued)

V.O.C. Content

| | |
|--|-----------|
| Sikalastic FTP Primer | ≤ 98 g/l |
| Sikalastic FTP Primer (mixed with water) | ≤ 5 g/l |
| Sikalastic FTP Lo-VOC Primer | ≤ 90 g/l |
| Sikalastic GDC Primer | ≤ 24 g/l |
| Sikalastic MT Primer | ≤ 50 g/l |
| Sikalastic PF Lo-VOC Primer | ≤ 91 g/l |
| Sikalastic Primer | ≤ 96 g/l |
| Sikalastic Recoat Primer | ≤ 100 g/l |
| *Sikalastic-501 Primer | ≤ 43 g/l |
| *Sikalastic-502 Primer | ≤ 94 g/l |
| *Sikalastic-503 Primer | ≤ 25 g/l |
| *Sikalastic-504 Primer | 0 g/l |
| Sikasil Primer-2100 | ≤ 748 g/l |

Adhesives

Reactive Resins

V.O.C. Content

| | |
|---------------------------------------|----------|
| Sika Armatec 110 EpoCem | ≤ 50 g/l |
| *Sika AnchorFix-S (PRO SELECT) | ≤ 37 g/l |
| *Sika AnchorFix-1 (PRO SELECT) | ≤ 36 g/l |
| *Sika AnchorFix-2 Arctic | ≤ 22 g/l |
| *Sika AnchorFix-2 (PRO SELECT) | ≤ 43 g/l |
| *Sika AnchorFix-500 | ≤ 5 g/l |
| *Sika AnchorFix-3001 | ≤ 5 g/l |
| Sikadur Crack Fix | ≤ 22 g/l |
| *Sikadur (Crack Weld) Capseal | ≤ 36 g/l |
| *Sikadur (Crack Weld) Injection Resin | ≤ 5 g/l |
| Sikadur Hex-300 | ≤ 4 g/l |
| Sikadur Injection Gel | ≤ 13 g/l |

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Reactive Resins (continued)V.O.C. Content

| | |
|--|-----------|
| Sikadur-21 Lo-Mod LV | ≤ 75 g/l |
| Sikadur-22 Lo-Mod | ≤ 56 g/l |
| Sikadur-22 Lo-Mod FS | ≤ 20 g/l |
| Sikadur-22 Lo-Mod LT | ≤ 12 g/l |
| Sikadur-23 Lo-Mod Gel | ≤ 10 g/l |
| Sikadur-25 Lo-Mod (EPU) | ≤ 50 g/l |
| Sikadur-30 | ≤ 27 g/l |
| Sikadur-31 Hi-Mod Gel | ≤ 4 g/l |
| Sikadur-31 Hi-Mod Gel LPL | ≤ 2 g/l |
| Sikadur-31 SBA Cold Weather | ≤ 2 g/l |
| Sikadur-31 SBA Normal Set (all temperatures) | ≤ 3 g/l |
| Sikadur-31 SBA Slow Set (all temperatures) | ≤ 2 g/l |
| Sikadur-32 Hi-Mod | ≤ 35 g/l |
| Sikadur-32 Hi-Mod LPL | ≤ 55 g/l |
| Sikadur-33 | ≤ 3 g/l |
| Sikadur-35 Hi Mod LV | ≤ 22 g/l |
| Sikadur-35 Hi Mod LV LPL | ≤ 61 g/l |
| Sikadur-35 Hi-Mod LV LPL + Sikadur Pump-Aid | ≤ 61 g/l |
| Sikadur-42 Grout-Pak | ≤ 30 g/l |
| Sikadur-42 Grout-Pak LE | ≤ 31 g/l |
| Sikadur-42 Grout-Pak PT | ≤ 3 g/l |
| Sikadur-43 Patch-Pak | ≤ 3 g/l |
| Sikadur 52 | ≤ 73 g/l |
| Sikadur-55 SLV | ≤ 13 g/l |
| Sikadur-55 SLV FS (Fast Set) | ≤ 30 g/l |
| Sikadur-57 Lo-Mod LV | ≤ 12 g/l |
| Sikadur 300 | < 4 g/l |
| Sikadur 301 | ≤ 17 g/l |
| Sikadur-330 | ≤ 13 g/l |
| *Sikadur 340 | ≤ 17 g/l |
| SikaPronto 19 TF (HMWM) | ≤ 238 g/l |

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Polyurethanes

V.O.C. Content

| | |
|---|----------|
| SikaBond PRO SELECT Construction Adhesive | ≤ 43 g/l |
| SikaBond PRO SELECT Hardscape Adhesive | ≤ 43 g/l |
| *SikaBond PRO SELECT Ultimate Grab | ≤ 25 g/l |
| *SikaBond Universal Adhesive | ≤ 49 g/l |
| SikaBond-T15 | ≤ 53 g/l |
| SikaBond-T21 | ≤ 57 g/l |
| SikaBond-T35 | ≤ 60 g/l |
| SikaBond-T53 | ≤ 48 g/l |
| SikaBond-T55 | ≤ 53 g/l |
| SikaBond-T100 | ≤ 7 g/l |
| Sikaflex-11 FC | ≤ 29 g/l |
| *Sika MaxTack PRO SELECT Fast Grab Adhesive | ≤ 40 g/l |

Section EQ (Indoor Environmental Quality), Credit 4.2 / [LEED v4 – EQ5 “Low Emitting Materials”] -

This credit also relates to VOC content and pertains to paints and coatings. VOC values of mixed Sika products are listed below.

Coatings

V.O.C. Content

| | |
|--|-----------|
| Sika FerroGard-903 | ≤ 353 g/l |
| Sika FerroGard-908 | ≤ 327 g/l |
| Sikaflex-102 EverFlash Membrane | ≤ 25 g/l |
| Sikagard Duochem-7500 | ≤ 49 g/l |
| Sikagard Duochem-7500 Thixo | ≤ 45 g/l |
| Sikagard Elastic Base Coat (smooth & textured) | ≤ 73 g/l |
| Sikagard FlexCoat | ≤ 5 g/l |
| Sikagard FlexCoat ATC (all colors) | ≤ 100 g/l |
| Sikagard High Gloss Sealer | ≤ 90 g/l |
| Sikagard Natural Look Clear Sealer | ≤ 39 g/l |
| Sikagard-62 | ≤ 20 g/l |
| Sikagard-530 | ≤ 50 g/l |

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Coatings (continued)

V.O.C. Content

| | |
|---------------------------------|------------------------------|
| Sikagard-535 | ≤ 77 g/l |
| Sikagard 550W Elastocolor | ≤ 77 g/l |
| Sikagard-550 W CA Elastocolor | ≤ 42 g/l |
| Sikagard-570 | ≤ 77 g/l |
| Sikagard 600 | ≤ 14 g/l |
| Sikagard 616 | ≤ 50 g/l |
| Sikagard 664 | ≤ 43 g/l |
| Sikagard-670W (pigmented) | ≤ 48 g/l |
| Sikagard 670W Clear | ≤ 193 g/l |
| *Sikagard-701 W | ≤ 211 g/l (≤ 46 g/l diluted) |
| *Sikagard-705 L | ≤ 327 g/l |
| *Sikagard-706 Thixo | ≤ 320 g/l |
| *Sikagard-740 W | ≤ 331 g/l |
| *Sikagard-7600 HG | ≤ 78 g/l |
| *Sikagard-7600 VG | ≤ 78 g/l |
| *Sikalastic Clearglaze | ≤ 360 g/l |
| *Sikalastic Duochem 390 | ≤ 10 g/l |
| *Sikalastic Duochem 391 | ≤ 10 g/l |
| *Sikalastic Duochem 394 | ≤ 10 g/l |
| Sikalastic-320 NS | ≤ 48 g/l |
| Sikalastic-320 SG | ≤ 90 g/l |
| Sikalastic-320 SL | ≤ 46 g/l |
| Sikalastic-390 | ≤ 10 g/l |
| Sikalastic-391 | ≤ 10 g/l |
| Sikalastic-394 | ≤ 10 g/l |
| Sikalastic-395 | ≤ 10 g/l |
| Sikalastic-395 Textured | ≤ 10 g/l |
| *Sikalastic-500 | ≤ 36 g/l |
| *Sikalastic-500 Accelerator | 0 g/l |
| *Sikalastic-500 Flash | ≤ 34 g/l |
| Sika(lastic 600) PU Accelerator | 0 g/l |

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Coatings (continued)

V.O.C. Content

| | |
|--|-----------|
| Sikalastic-601 BC (US) | ≤ 212 g/l |
| Sikalastic-621 TC (US) | ≤ 183 g/l |
| Sikalastic-624 AR (US) | ≤ 275 g/l |
| Sikalastic-624 WP | ≤ 209 g/l |
| Sikalastic-641 | ≤ 100 g/l |
| Sikalastic-641 Lo-VOC | ≤ 38 g/l |
| Sikalastic-641 Thixo | ≤ 100 g/l |
| Sikalastic-644 Lo-VOC | ≤ 15 g/l |
| Sikalastic-700 ACL | ≤ 10 g/l |
| Sikalastic-710 Base | ≤ 240 g/l |
| Sikalastic-710 Base Lo-VOC Booster (+ Sikalastic-710 Base Lo-VOC) | ≤ 100 g/l |
| Sikalastic-710 Lo-VOC | ≤ 93 g/l |
| Sikalastic-710 NP Base | ≤ 241 g/l |
| Sikalastic-715 Lo-VOC Textured | ≤ 99 g/l |
| Sikalastic-715 Lo-VOC Textured (+ Sikalastic-715 Top Booster Lo-VOC) | ≤ 94 g/l |
| Sikalastic-715 Textured Top Coat | ≤ 232 g/l |
| Sikalastic-715 Top | ≤ 243 g/l |
| Sikalastic-715 Top Lo-VOC | ≤ 96 g/l |
| Sikalastic-715 Top Booster Lo-VOC (+ Sikalastic-715 Top Lo-VOC) | ≤ 100 g/l |
| Sikalastic-720 Base | ≤ 15 g/l |
| Sikalastic-720 One Shot | ≤ 21 g/l |
| Sikalastic-720 SG Base | ≤ 57 g/l |
| Sikalastic-726 Balcony One Shot | ≤ 31 g/l |
| Sikalastic-735 AL | ≤ 258 g/l |
| Sikalastic-735 AL Tint-Base Neutral | ≤ 225 g/l |
| Sikalastic-735 AL Tint-Base White | ≤ 225 g/l |
| Sikalastic-736 AL Lo-VOC | ≤ 99 g/l |
| Sikalastic-736 AL Lo-VOC Tint-Base Neutral | ≤ 99 g/l |
| Sikalastic-736 AL Lo-VOC Tint-Base White | ≤ 99 g/l |
| Sikalastic-745 AL Textured | ≤ 8 g/l |
| Sikalastic-745 AL | 0 g/l |

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Coatings (continued)

V.O.C. Content

| | |
|--------------------------------|-----------|
| Sikalastic-748 PA Clear | ≤ 100 g/l |
| Sikalastic-748 PA Pigmented | ≤ 95 g/l |
| SikaTop Seal 107 (both colors) | ≤ 20 g/l |
| SikaTop-144 (both colors) | ≤ 10 g/l |

In the past, customers have asked about the VOC Content of various concrete refurbishment products that are not sealants, primers, adhesives or coatings.

Repair Mortars

VOC Content

| | |
|--|-------|
| Sika (PRO SELECT) FastFix Rapid Patch | 0 g/l |
| Sika Level (PRO SELECT) Self-leveling Underlayment | 0 g/l |
| Sika Level Rapid Patch | 0 g/l |
| *Sika Level SkimCoat | 0 g/l |
| Sika Level-125 | 0 g/l |
| Sika Level-225 | 0 g/l |
| Sika Level-315 | 0 g/l |
| Sika Level-325 | 0 g/l |
| Sika Level-425 | 0 g/l |
| Sika Level-525 | 0 g/l |
| Sika Level-625 | 0 g/l |
| Sika MonoTop 611 | 0 g/l |
| Sika MonoTop 615 | 0 g/l |
| SikaCem-103 | 0 g/l |
| SikaCem-103F | 0 g/l |
| SikaCem-133 | 0 g/l |
| SikaCem-226 CI | 0 g/l |
| Sikacrete-100 CI | 0 g/l |
| Sikacrete-211 | 0 g/l |
| Sikacrete-211 F | 0 g/l |
| Sikacrete-211 SCC Plus | 0 g/l |

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Repair Mortars (continued)

VOC Content

| | |
|---|----------|
| *Sikacrete-213F | 0 g/l |
| Sikacrete-321 FS | 0 g/l |
| Sikacrete-421 CI Rapid | 0 g/l |
| *Sikacryl (PRO SELECT) PowerSet Gap Filler | ≤ 37 g/l |
| *Sikacryl (PRO SELECT) Ready-Mix Concrete Patch | ≤ 25 g/l |
| *Sikacryl (PRO SELECT) Ready-Mix Stucco Patch | ≤ 25 g/l |
| Sikadur-72 JNS | ≤ 5 g/l |
| Sikagard-75 EpoCem | 0 g/l |
| SikaGrout-212 | 0 g/l |
| SikaGrout-328 | 0 g/l |
| SikaGrout-428 FS | 0 g/l |
| SikaGrout-528 SF | 0 g/l |
| SikaQuick FNP | 0 g/l |
| SikaQuick Smooth Finish | 0 g/l |
| SikaQuick VOH | 0 g/l |
| SikaQuick-1000 | 0 g/l |
| SikaQuick-2500 | 0 g/l |
| SikaRepair SHA | 0 g/l |
| SikaRepair SHB | 0 g/l |
| SikaRepair-222 | 0 g/l |
| SikaRepair-223 | 0 g/l |
| SikaRepair-224 | 0 g/l |
| SikaSet Mortar | 0 g/l |
| SikaSet Plug | 0 g/l |
| SikaSet Plug W | 0 g/l |
| SikaShot NS | 0 g/l |
| SikaTop-111 PLUS | ≤ 20 g/l |
| SikaTop-121 PLUS | ≤ 20 g/l |
| SikaTop-122 PLUS | ≤ 20 g/l |
| SikaTop-123 PLUS | ≤ 20 g/l |

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Miscellaneous

VOC Content

| | |
|--|----------|
| Sika Intraplast-N | 0 g/l |
| Sika Rugasol-S | ≤ 10 g/l |
| *Sika Drainage Mats | 0 g/l |
| *Sika Fleece (120 / 140 / 170) | 0 g/l |
| *Sika Flexitape (Light and Heavy) | 0 g/l |
| Sika PRO SELECT (Fence) Post Fix | ≤ 2 g/l |
| *Sika Reemat (Standard and Premium) | 0 g/l |
| Sika ViscoBond Ultimate Fortifier | 0 g/l |
| SikaBond Remover | 770 g/l |
| [(0 g/l – exempt per SCAQMD Rule Paragraph 1171.(g)(2)(G)] | |
| Sikadur Combiflex SG FPO Tape | 0 g/l |
| SikaFilm | ≤ 15 g/l |
| *SikaFix HH Accelerator | ≤ 9 g/l |
| *SikaFix HH Hydrophilic polyurethane grout | 0 g/l |
| *SikaFix HH LV polyurethane grout | ≤ 88 g/l |
| *SikaFix HH+ polyurethane grout | 0 g/l |
| SikaFix HH Pump Flush | 0 g/l |
| SikaGrout Aid | 0 g/l |
| SikaGrout Aid Plus | 0 g/l |
| SikaLatex | ≤ 10 g/l |
| SikaLatex-R | ≤ 2 g/l |
| Sika LiquidWeld | ≤ 29 g/l |
| *SikaSwell S-2 | ≤ 65 g/l |
| *SikaWrap-600C ± 45 | 0 g/l |
| *SikaWrap FX-50 C | 0 g/l |
| *SikaWrap Hex-103C | 0 g/l |
| *SikaWrap Hex 103C HM | 0 g/l |
| *SikaWrap Hex 103C -2X | 0 g/l |
| *SikaWrap Hex 113C | 0 g/l |
| *SikaWrap Hex 1200C | 0 g/l |
| *SikaWrap Hex-100G | 0 g/l |

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Miscellaneous (continued)

VOC Content

| | |
|------------------------------|----------|
| *SikaWrap Hex-106G | 0 g/l |
| *SikaWrap Pre-saturated-103C | ≤ 14 g/l |
| *SikaWrap Pre-saturated-117C | ≤ 14 g/l |
| *SikaWrap Pre-saturated-100G | ≤ 20 g/l |
| *SikaWrap Pre-saturated-430G | ≤ 20 g/l |

In the past, customers have asked about recycle content.

Section MR (Materials and Resources), Credit 4.1 - This credit relates to recycle content of materials. No credit for Sika chemical products are available for this section (i.e. 0% pre-consumer recycled content / 0% post-consumer recycled content / 0% post-industrial recycled content).

[LEED v4 (possible 1 point)]

MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials (Option 2 - Leadership Extraction Practices: “Recycled Content” - This credit relates to the use of products that meet at least one of the responsible extraction criteria for at least 25% recycled content by cost of the total value of permanently installed building products in the project.

Sika Fleece (120 / 140 / 170) = Approximately 98% recycled content

Regarding the Heat Island Effect of Roofing Products:

Section SS (Sustainable Site), Credit 7.2 - This credit relates to the Heat Island Effect of an albedo and/or light colored roof. Sikalastic RoofPro Systems conform [i.e. topped with Sikalastic 621 TC (US) White (RAL 9016), Sikalastic 641 White (RAL 9016), Sikalastic 641 Thixo White (RAL 9016) or Sikalastic-641 Lo-VOC White (RAL 9016)], having a Solar Reflectance Index (SRI) ≥ 78%.

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[LEED v4 (possible 1 point)]

SS7 Credit: Heat Island Reduction – High Reflectance Roof

Use roofing materials that have a Solar Reflectance Index (SRI) equal to or greater than values in the following table. Meet the three-year aged SRI value. If three-year aged value information is not available, use the material’s initial SRI value.

Minimum solar reflectance index value, by roof slope

| | Slope | Initial SRI | 3-year aged SRI |
|-------------------|--------|-------------|-----------------|
| Low-sloped roof | ≤ 2:12 | 82 | 64 |
| Steep-sloped roof | > 2:12 | 39 | 32 |

Sikalastic-621 TC White (RAL 9016) Initial SRI value = 108

Sikalastic-641 Lo-VOC White (RAL 9016) Initial SRI value = 108

Further LEED® 2009 information is available on the U.S. Green Building Council web site at www.usgbc.org.

Further LEED v4 information is available on the U.S. Green Building Council web site at <https://new.usgbc.org/>

Please refer to the current Product Data Sheets and Safety Data Sheets located on Sika’s website at <https://usa.sika.com/> for the latest information about any product.

Thank you for your continued interest in Sika products. Feel free to contact me if you have any questions.

Regards,
 Sika Corporation



Timothy Gillespie
 Vice President, Product Engineering and Technical Services

cc: Sika Technical Services Department (Target Market: Refurbishment, Sealing & Bonding)
 Trademark: LEED® is a registered trademark of the U.S. Green Building Council