



Proud Member Since 2001

BUILDING TRUST



Sika Corporation USA
201 Polito Avenue
Lyndhurst, NJ 07071 USA

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

April 22, 2016

(Update by Technical Services Dept.)

Dear Valued Sika Customer:

Thank you for your inquiry concerning LEED® (Leadership in Energy and Environmental Design) credits for Sika products. There are up to four possible credits for the LEED® rating system that apply to our 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 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

Dixon, California 95620 USA

- Cementitious Repair Mortars and Grouts

Fairless Hills, Pennsylvania 19030 USA

- Cementitious Repair Mortars and Grouts

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Manufacturing Sites (continued)

Lakewood, New Jersey 08701 USA

- Single and Multi-component Silicone Joint 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)]

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

Pointe Claire, Quebec H9R 4A9 Canada

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

Refer to current LEED® literature and this specific credit for details and confirm your site is within 500 miles of our 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.

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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 This section pertains to VOC limits of sealants, primers and adhesives relative to standards set by the South Coast Air Quality Management District (SCAQMD) Rule #1168 requirements and the Bay Area Air Quality Management District Regulation 9 (BAAQMD), Rule 51 requirements. VOC Content values of applicable Sika products (i.e. sealants, primers, adhesives and coatings) are listed on the following pages.

<u>Sealant Products (all colors unless otherwise specified)</u>	<u>V.O.C. Content</u>
*Sika Boom	≤ 165 g/l
*Sika Duoflex NS	0 g/l
*Sika Duoflex SL	0 g/l
Sika Loadflex-524 EZ	≤ 10 g/l
Sikadur 51 NS (epoxy)	≤ 94 g/l
Sikadur 51 SL (epoxy)	≤ 38 g/l
Sikaflex PRO SELECT Concrete Fix	≤ 40 g/l
Sikaflex PRO SELECT Construction Sealant	≤ 40 g/l
Sikaflex PRO SELECT Crack Flex Sealant	≤ 33 g/l
Sikaflex PRO SELECT Mortar Fix	≤ 40 g/l
Sikaflex PRO SELECT Self Leveling Sealant	≤ 33 g/l
Sikaflex Textured Sealant	≤ 40 g/l
Sikaflex-1a	≤ 40 g/l
Sikaflex-1a +	≤ 8 g/l
Sikaflex-1c SL	≤ 33 g/l
Sikaflex-15 LM	≤ 33 g/l
Sikaflex-2c Color Pak	≤ 23 g/l
Sikaflex-2c NS	≤ 19 g/l
Sikaflex-2c NS EZ Mix	≤ 50 g/l
Sikaflex-2c EZ Mix Booster	0 g/l
Sikaflex-2c NS TG (additive only)	≤ 403 g/l

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Sealant Products (continued)

V.O.C. Content

Sikaflex-2c SL	≤ 38 g/l
*SikaHyflex-150 LM	≤ 12 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
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 Duoflex 5050 Primer	≤ 50 g/l
Sika Level-01 Primer	≤ 10 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 Primer MB	≤ 24 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

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Primers (continued)

V.O.C. Content

Sikagard 510	≤ 341 g/l
Sikagard 552W Primer	≤ 40 g/l
Sikalastic DTE Primer	≤ 16 g/l
Sikalastic EP Primer / Sealer	≤ 199 g/l
Sikalastic FTP Primer (mixed with water)	≤ 5 g/l
Sikalastic FTP Lo-VOC Primer	≤ 90 g/l
Sikalastic MT Primer	≤ 50 g/l
Sikalastic PF Lo-VOC Primer	< 91 g/l
Sikalastic Recoat Primer	≤ 100 g/l
Sikasil Primer-2100	≤ 748 g/l

Adhesives

Reactive Resins

V.O.C. Content

Sika Armatec 110 EpoCem	≤ 50 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 Hex 300 (domestic)	≤ 4 g/l
Sikadur Injection Gel, Standard Set	≤ 13 g/l
Sikadur 21, Lo-Mod LV	≤ 75 g/l
Sikadur 22, Lo-Mod	≤ 56 g/l
Sikadur 22, Lo-Mod FS	≤ 20 g/l

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Reactive Resins (continued)

V.O.C. Content

Sikadur 23, Lo-Mod Gel	≤ 10 g/l
Sikadur 30	≤ 27 g/l
Sikadur 31, Hi-Mod Gel (1:1 Mix Ratio)	≤ 4 g/l
Sikadur 31, Hi-Mod Gel LPL	≤ 2 g/l
Sikadur 31 SBA (20° - 45° F)	≤ 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 300	≤ 4 g/l
Sikadur 301	≤ 17 g/l
Sikadur 330 US	≤ 13 g/l
*Sikadur 340	≤ 17 g/l
SikaLiquid Weld	≤ 10 g/l
SikaPronto 19 TF (HMWM)	≤ 238 g/l

Polyurethanes

V.O.C. Content

SikaBond PRO SELECT Construction Adhesive	≤ 43 g/l
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<u>Polyurethanes (continued)</u>	<u>VOC Content</u>
SikaBond PRO SELECT Hardscape Adhesive	≤ 43 g/l
*SikaBond PRO SELECT Ultimate Grab	≤ 25 g/l
*SikaBond Universal Adhesive	≤ 49 g/l
SikaBond-T21	≤ 57 g/l
SikaBond-T35	≤ 60 g/l
SikaBond-T53	≤ 49 g/l
SikaBond-T55	≤ 83 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 This credit also relates to VOC content and pertains to paints and coatings. VOC values of mixed Sika products are listed below.

<u>Coatings</u>	<u>V.O.C. Content</u>
Sika FerroGard 903	≤ 353 g/l
Sika FerroGard 908	≤ 327 g/l
Sikagard Duochem 7500	≤ 45 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
Sikagard 535	≤ 77 g/l
Sikagard 550W Elastocolor	≤ 77 g/l
Sikagard 570	≤ 77 g/l
Sikagard 600	≤ 50 g/l

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Coatings (continued)

V.O.C. Content

Sikagard 616	≤ 50 g/l
Sikagard 664	≤ 30 g/l
Sikagard 670W (pigmented)	≤ 48 g/l
Sikagard 670W Clear	≤ 193 g/l
*Sikagard 701W	≤ 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
*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 SL	≤ 48 g/l
Sikalastic 390	≤ 10 g/l
Sikalastic 391	≤ 10 g/l
Sikalastic 394 (US)	≤ 10 g/l
Sikalastic 395	≤ 10 g/l
Sika(lastic 600) PU Accelerator	0 g/l
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	≤ 45 g/l
Sikalastic 641 Thixo	≤ 100 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

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Coatings (continued)

V.O.C. Content

Sikalastic 715 Lo-VOC	≤ 96 g/l
Sikalastic 715 Top	≤ 243 g/l
Sikalastic 715 Top Booster Lo-VOC (+ Sikalastic 715 Top Lo-VOC)	≤ 100 g/l
Sikalastic 720 Base	≤ 15 g/l
Sikalastic 720 SG Base	≤ 57 g/l
Sikalastic 735 AL	≤ 225 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	≤ 10 g/l
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 Level Rapid Patch	0 g/l
Sika Level SkimCoat	0 g/l
Sika Level-125	0 g/l
Sika Level-315	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

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Repair Mortars (continued)

VOC Content

Sikacem 133	0 g/l
Sikacrete 211	0 g/l
Sikacrete 211 F	0 g/l
Sikacrete 211 SCC Plus	0 g/l
*Sikacrete-213F	0 g/l
Sikacrete 321 FS	0 g/l
*Sikacryl Ready-Mix Concrete Patch	≤ 30 g/l
Sikagard 75 EpoCem	0 g/l
SikaGrout 212	0 g/l
SikaGrout 328	0 g/l
SikaGrout 428 FS	0 g/l
SikaLatex	≤ 10 g/l
SikaLatex-R	≤ 10 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

Intraplast-N	0 g/l
Rugasol-S	≤ 10 g/l
Sika PRO SELECT Post Fix	≤ 2 g/l
*Sika Drainage Mats	0 g/l
*Sika Fleece	0 g/l
*Sika Flexitape (Light and Heavy)	0 g/l
*Sika Reemat (Standard and Premium)	0 g/l
Sika ViscoBond Ultimate Fortifier	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
*SikaSwell S-2	≤ 65 g/l
*SikaWrap 600C ± 45	0 g/l
*SikaWrap FX-50 C	0 g/l
*SikaWrap Hex 103C HM	0 g/l
*SikaWrap Hex 1200C	0 g/l
*SikaWrap Pre-saturated 100G	≤ 20 g/l
*SikaWrap Pre-saturated 103C	≤ 14 g/l
*SikaWrap Pre-saturated 117C	≤ 14 g/l
*SikaWrap Pre-saturated 430G	≤ 20 g/l

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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 products is available for this section (i.e. 0% pre-consumer recycled content / 0% post-consumer recycled content / 0% post-industrial recycled content).

Regarding the Heat Island Effect of Roofing Products:

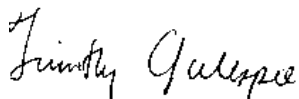
Section SS (Sustainable Site), Credit 7.2 This credit relates to the Heat Island Effect of an albedo and/or light colored roof. Sikalastic RoofPro Systems conform [i.e. topped with Sikalastic 621 TC (US) White (RAL 9016), Sikalastic 641 White (RAL 9016) or Sikalastic 641 Thixo White (RAL 9016)], having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

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

Please refer to the current Product Data Sheets and Safety Data Sheets located on Sika's website at <http://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 Management

cc: Ray Williamson (Technical Services Department)/Sika Corporation

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