



SIKA SOLUTIONS COLD CONDITION WORKS

SIKA® PRODUCT SELECTOR

**BUILDING TRUST
CONSTRUIRE LA CONFIANCE**



COLD CONDITION WORKS SIKA® PRODUCT SELECTOR

Product Category (ready-to-use products)	Use	Temperature
HARDENING ACCELERATOR		
Sikacem® Accelerator Additive (chloride-free) for cementitious Sika® mortars, concretes and grouts.	For SikaTop® and SikaQuick® mortars, Sikacrete® concretes, SikaGrout® grouts to allow application at low temperatures for accelerated hardening. LIQUID ADMIXTURE.	Down to -5 °C
CONCRETE REPAIR MORTARS (CEMENTITIOUS)		
Sika MonoTop®-623 One component, polymer-modified mortar with corrosion inhibitor.	Vertical or overhead repairs from 3 to 50 mm in depth per layer. TROWEL GRADE.	Down to 0 °C
SikaTop®-111 PLUS Polymer-modified mortar with corrosion inhibitor.	Horizontal or formed repairs from 13 to 25 mm in depth. Extendable with coarse aggregate for greater depths. SELF-LEVELLING.	Down to 0 °C
SikaTop®-122 PLUS Polymer-modified mortar with corrosion inhibitor.	Horizontal repairs from 3 to 38 mm in depth (min. 6 mm when subjected to traffic). Extendable with coarse aggregate for greater depths. TROWEL GRADE.	Down to 0 °C
SikaTop®-123 PLUS Polymer-modified mortar with corrosion inhibitor.	Vertical or overhead repairs from 3 to 38 mm per layer. NON-SAG ; TROWEL GRADE.	Down to 0 °C
SikaTop®-123 PLUS Winter Grade Low temperature grade mortar with corrosion inhibitor.	Vertical or overhead repairs from 3 to 38 mm per layer. NON-SAG ; TROWEL GRADE.	Down to -5 °C
SikaQuick® VOH Fast-setting, one-component, fibre-reinforced and polymer-modified repair mortar	Application up to 76 mm on vertical surfaces in one layer. Overhead thickness up to 50 mm. TROWEL GRADE ; FIBRE-REINFORCED ; HIGH EARLY AND ULTIMATE STRENGTHS.	Down to -5 °C
SELF-COMPACTING CONCRETE		
Sikacrete®-08 SCC Self-compacting, cementitious concrete based on Sika® Viscocrete® technology	Horizontal repairs, form and pour or form and pump repairs from 25 to 200 mm in depth. FLOWABLE.	Down to -5 °C
FLOWABLE CEMENTITIOUS GROUTS		
SikaGrout® 212/212 HP (avec fumée de silice) Non-shrink, non-metallic, chloride-free, structural grout.	Base plates, anchor bolts, bridge bearings. DRY PACK, FLOWABLE AND FLUID CONSISTENCIES.	Down to 0 °C
SikaGrout®-300 PT High performance, zero bleed, sand-free grout.	Horizontal and vertical grouting of post-tensioning ducts, grouting tight clearances, voids, and anchor bolts. FLUID CONSISTENCY.	Down to -5 °C
SikaGrout® Arctic 100 Low temperature pile grout for permafrost installations.	Grouting piles and anchoring rebar in pile jackets. FLUID CONSISTENCY.	Down to -10 °C
VERY RAPID SETTING, READY TO USE REPAIR MORTAR		
Sikaset®-45 Very rapid hardening, magnesium phosphate repair mortar.	Horizontal repairs from 13 to 38 mm in depth. Extendable with coarse aggregate for greater depths. TROWEL GRADE.	Down to -7 °C
ANCHORING GEL		
Sika AnchorFix®-2 Arctic Cold weather epoxy acrylate hybrid anchoring gel for water-saturated conditions.	Heavy-duty anchoring of rebar, threaded rods and epoxy coated smooth dowels in concrete, brick and stone masonry. STYRENE-FREE ; HIGH EARLY STRENGTH.	Down to -26 °C
GROUT/MORTAR/ANCHORING SYSTEM		
Sika® Pronto 11 Convenient, low temperature modified-methacrylate structural repair mortar/grouting system with Sub-Zero additive.	Repairing concrete, grouting base plates and patching roadways, bridge decks and floors. TROWEL GRADE.	Down to -10 °C Down to -25 °C
Sikadur® LT Grout Low-temperature, rapid curing, vinyl ester grout/mortar and injection resin I.	Different consistencies may be achieved. From mortar consistency for concrete repair to grout consistency for base plates and various types of anchoring. Resin alone may be used for crack injection repairs. FLUID, FLOWABLE AND TROWEL GRADE CONSISTENCIES.	Applicable down to -40 °C / Cure : -20 °C
POLYMER CONCRETE		
Sikadur® VPC Versatile, rapid curing, vinyl ester structural polymer concrete.	Repairing concrete in fast turnaround applications. FLOWABLE AND TROWEL CONSISTENCIES	Down to -40 °C
SUB-ZERO TEMPERATURE SILICONE JOINT SEALANTS		
Sikasil® One and two-part, neutral or acetoxy curing, ultra-low to medium modulus silicone sealants for joints and weatherseals.	Sealing joints and weathersealing structures at sub-zero temperatures. NON-SAG AND SELF-LEVELLING GRADES.	Down to -28 °C
HYBRID SEALANT		
SikaHyflex®-150 LM Premium-grade, high movement, fast-curing, one-component, non-sag, elastomeric, hybrid sealant.	For joints or gaps connecting dissimilar substrates - e.g. vinyl to concrete, aluminium to EIFS, window perimetre, expansion joints, curtain wall construction and for applications requiring both paintability and adhesion to non-porous substrates. NON-SAG ; MOVEMENT CAPABILITY +/- 50%.	Down to -37 °C
WATER-REPELLING SEALERS (CLEAR)		
Sikagard® SN40 Lo-VOC One component, 40% active ingredients, solvent-based, clear, silane sealer.	Horizontal and vertical concrete and masonry to resist damp and freeze thaw damage. DURABLE ; CLEAR ; ALLOWS TREATED SURFACES TO 'BREATHE'.	Down to -10 °C
Sikagard® SN100 One component, 100% active ingredients and solvent-based, clear silane sealer.	Parking garages, ramps, bridge decks and abutments. HYDROPHOBIC ; CLEAR ; DEEP PENETRATION IN THE SUBSTRATE.	Down to -10 °C
PROTECTIVE & DECORATIVE COATINGS (CLEAR/PIGMENTED)		
Sikagard®-A28 Lo-VOC One component, VOC 'wet look' acrylic sealer based (clear) methacrylate resin.	Vertical and horizontal brick, construction block and concrete structures. Vapour permeable, allowing buildings to 'breathe'. DECORATIVE & PROTECTIVE COATING.	Down to 0 °C
Sikagard® Color A50 Lo-VOC One component, solvent-based (pigmented) acrylic sealer.	Vertical and horizontal brick, construction block and concrete structures. Resists to water, chloride ions, CO ² and other atmospheric pollutants ingress. Resists to weak alkalis and mineral acids. Unaffected by weak solvents. Vapour permeable, allowing buildings to 'breathe'. DECORATIVE & PROTECTIVE COATING.	Down to 0 °C
EXPANSION POLYURETHANE FOAMS		
Sika Boom® AS-PRO One-component, all season, gun-applied, polyurethane expansion foam	Sealing gaps, cracks and joints. Insulating around windows and doors. General insulating and sealing of pipe penetrations and formwork. LOW-EXPANSION FOAM ; MULTIPURPOSE.	Down to -12 °C
Sika Boom® ARCTIC One-component, gun-applied polyurethane expansion foam - Special formulation for extreme cold conditions.	Sealing gaps, cracks and joints. Insulating around windows and doors. General insulating and sealing of pipe penetrations and formwork on the jobsite. Ideal for winter applications and work in temperature-controlled environments (refrigerated warehouses, commercial freezers, etc.). LOW EXPANSION FOAM ; MULTIPURPOSE	Down to -25 °C

Please refer to the specific Product Data Sheets for complete information.

SIKA CANADA INC.
Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9

Other locations
Toronto
Edmonton
Vancouver
1-800-933-SIKA
www.sika.ca

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