Sika Solutions

Sika Canada Inc. offers a comprehensive range of materials to either safeguard or renovate buildings and structures in their entirety:

- Waterproof roof systems which additionally improve heat loss reductions and even generate energy;
- Coatings, grouts, sealants, plates, rebar and mortars to make good and provide protection;
- Heavy, moderate or light duty and decorative floor systems and finishes;
- Production of systems for the water industry to retain water stocks and protect against contamination;
- Production of zero/low-VOC products, recycled materials or those that permit re-use of materials;

Sika can supply a single source, completely compatible and proven package of solutions for virtually any need.

Environmental Commitment

Our company and the Sika Group are also organizations committed to the environment. This is demonstrated by:

- Membership of the Canadian Green Building Council (CaGBC);
- Contribution to the green building process and LEED®-Canada certified projects;
- Production of zero/low-VOC products, recycled materials or those that permit re-use of materials;
- Production of systems for the water industry to retain water stocks and protect against contamination;
- Compliance with federal and provincial directives for the reduction of environmentally harmful substances;
- Manufacture of technologies for alternative energy generation, including solar and wind-power.

Our companies actively participate in worldwide programmes including: Responsible Care® (Re/Collect- Valencia 2010: Reduced CO₂ (Kyoto Protocol), and the Global Nature Fund. We are also engaged in the Sustainable Buildings and Climate Initiative (SBCI) of the United Nations Environment Programme (UNEP).

Sika Services

Sika Canada Inc. supplements its problem solving products with a high level of support. Dedicated teams provide the following services:

- Inputting guidance for the maintenance of applied systems to optimize durability.
- Providing detailed advice on the jobsite to ensure products are correctly installed and perform;
- Contributing to specification documents and advising on applicator selection;
- Identifying key performance requirements and customizing systems accordingly;
- Providing detailed advice on the potential to ensure products are correctly installed and perform;
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Sika: Your local partner... with global expertise

Sika Canada Inc., as a member of the international Sika Group, is a recognized leader in the field of products for the construction industry. We supply what are recognised as standard-setting and value-added systems.

Over the last 100 years, Sika has earned the confidence of construction professionals everywhere thanks to our cost-effective quality, reliability and durability. An essential element in our "roof-to-floor" or "foundations upwards" capability, is our diverse range of materials which provide long-lasting performance while accommodating a wide variety of service conditions, in new-build as well as renovation. Our materials are employed in most sectors of construction, including virtually all forms of buildings, such residential, commercial, industrial, leisure, healthcare and educational structures and, likewise, in many forms of infrastructure, from transportation to utilities.

Furthermore, as part of our environmental policy, considerable attention has been devoted to ensuring that these products are as climate-friendly as possible and contribute to a sustainable future. Accordingly, Sika operates within independently-accorded environmental and quality protocols: our facilities are certified ISO 9001 for their environmental management systems and ISO 9001 for quality processes.

Sika supports its products, together with the built environment, with a century of experience and service, providing a sound platform for successful construction projects.
**ROOFING**
**Potential or Existing Problems:**
- Leaking due to poor flashing, cutting and glazing of roofs.
- Deterioration of roofing materials due to wind and water damage.
- Discoloration and biological growth due to poor ventilation.

**Site Solutions:**
- SikaGrout® and Sikasil® range of high performance, elastomeric sealants for joints.
- SikaTop® and Sikament® PLUS potable water contact approved mortars for lasting repair.
- Sikagard® coatings for enhancement and protection of concrete components.
- Sarnafil® and Sikalit® range of high quality, fire retardant bitumen membranes.

**CONCRETING**
**Potential or Existing Problems:**
- Lack of crack control causing water seepage through concrete.
- Poor workability of concrete causing honeycombing and surface defects.
- Inadequate support of columns, bearing plates, safety barriers and hand rails.

**Site Solutions:**
- Sika® and Plastocrete® water reducing admixtures for increased performance.
- Sika® and Sikasil® range of high performance, elastomeric sealants for joints.
- Sikament® and Plastocrete® water reducing admixtures for improved performance.
- Sikafloor® Level and Sikafloor® Level screeds for achieving flat and even substrates.
- Sikalit® and Sikasil® range of high performance, elastomeric sealants for joints.

**CONCRETE**
**Potential or Existing Problems:**
- Reduced protection to steel reinforcement due to aggressive environments.
- Chloride contamination causing deterioration and loss of structural integrity.
- Rusting of steelwork and subsequent need for repeated replacement.

**Site Solutions:**
- Sikadur® CombiFlex® and Sikasil® range of high performance, elastomeric sealants for joints.
- Sikadur® Combiflex SG and SikaFix® waterstops, sealants and crack sealers.
- Sika® and Sikasil® range of high performance, elastomeric sealants for joints.

**WATER MANAGEMENT**
**Potential or Existing Problems:**
- Presence of water run-off, condensation, fumes, and leaks in buildings.
- Groundwater contamination occurring as a result of leakage of treated water.
- The effects of constant or temporary immersion of construction materials in water.

**Site Solutions:**
- SikaGuard® PLUS potable water contact approved mortars for lasting repair.
- Sikalit® and Sikasil® range of high performance, elastomeric sealants for joints.
- Sarnafil® and Sikalit® range of high quality, fire retardant bitumen membranes.
- Sikament® and Plastocrete® water reducing admixtures for increased performance.
- Sikafloor® Level and Sikafloor® Level screeds for achieving flat and even substrates.
- Sikalit® and Sikasil® range of high performance, elastomeric sealants for joints.

**STRUCTURAL STRENGTHENING**
**Potential or Existing Problems:**
- Vulnerability of components to wind, fire, explosion, impact or ageing.
- Insufficient design and/or construction errors in quantity of reinforcement.
- Change of building use or increased loading on existing structural components.

**Site Solutions:**
- Sikaplan® mechanical fixings and Sikaplan® PLUS exterior membranes for wind resistance.
- Sikaflex® and Sikaflex® 1011 corrosion inhibiting admixtures for fresh concrete.
- Sikaplan® mechanically fastened and reinforced membranes for wind resistance.
- Sikaplan® mechanical fasteners and reinforced membranes for wind resistance.
- Sikadur® and Sikasil® range of high performance, elastomeric sealants for joints.

**ANCHORING**
**Potential or Existing Problems:**
- Need to secure building components, including panels, masonry and steel.
- Corrosion of mechanical fixings resulting in damage.
- Failure of bolts, dowels, pins and fasteners due to inadequate corrosion protection.

**Site Solutions:**
- Sikafix® Anchorfix® and Sikadur® resins for securing bars, dowels and bolts.
- Sikaplan® mechanical fasteners and reinforced membranes for wind resistance.
- Sikadur® and Sikasil® range of high performance, elastomeric sealants for joints.

**JOINT SEALING**
**Potential or Existing Problems:**
- Water seepage through window joints in occupied or operational rooms.
- Damage to joints as a result of trafficking, impact and de-icing salt attack.

**Site Solutions:**
- Sikadur® and Sikasil® range of high performance, elastomeric sealants for joints.
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Sika Canada Inc. is internationally recognized for its experience in developing and supplying product solutions for the built environment. Whether it is an occupied structure, such as a high rise condominium, school, hospital or sports stadium, or one that serves our needs for transportation, such as a bridge, tunnel, rail track or ports, or provides essential utilities, such as a reservoir, dam, water treatment works or power turbine, Sika has materials that will serve to enhance performance or extend lifespan.

This brochure illustrates how Sika Canada Inc. can assist from ‘roof-to-floor’ in the case of buildings and ‘foundations upwards’ where infrastructure is concerned. Our experience as a company, dating back 50 years, and as part of a global group, first founded in 1910, enables us to identify both potential challenges facing new construction or existing problems that have to be solved in renovation.

We work to address the needs of buildings and infrastructure, to create a durable built environment while safeguarding the natural one.

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