Sikalastic®
SIKA SOLUTIONS FOR PARKING DECKS AND BALCONIES
ECONOMIC AND DURABLE WATERPROOFING PROTECTION
ONE-COMPONENT: Balcony and Parking Coating Systems

Fully bonded and seamless elastomeric waterproofing polyurethane system. Easily applied, repaired and renewed, for exterior and interior top coats on structural slabs to provide improved wear and UV resistance.

**FEATURES**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single component system</td>
<td>Ease of application with unlimited pot life restrictions</td>
</tr>
<tr>
<td>Seamless and fully bonded</td>
<td>Eliminates lateral water migration undermining durability</td>
</tr>
<tr>
<td>Elastomeric across temperature range</td>
<td>Excellent crack bridging properties even at low temperatures</td>
</tr>
<tr>
<td>Abrasion and chemical resistant</td>
<td>Resist to light vehicle traffic, vehicle fluids spills and as well to deicing salts exposure</td>
</tr>
<tr>
<td>Different variations of surface textures may be achieved*</td>
<td>Increased mechanical properties and slip resistance</td>
</tr>
<tr>
<td>Liquid applied membrane, easily maintained</td>
<td>Low cost to install and maintain</td>
</tr>
<tr>
<td>Acceptable for exterior applications</td>
<td>Enhanced wear and UV resistance, with broader choice of colours</td>
</tr>
</tbody>
</table>

* Surface texture will be determined by quantity and gradation of sand broadcasted into wear course

**Wear Course Colours** Custom colours available on request

- Grey
- Charcoal
- Tan
- Limestone

**SYSTEM COMPONENTS**

<table>
<thead>
<tr>
<th>Sikalastic®-700 Series</th>
<th>Product Name</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Membrane</td>
<td>Sikalastic®-710 NP Membrane</td>
<td>1-component elastomeric polyurethane waterproofing membrane</td>
</tr>
<tr>
<td>Wear Course Topcoat</td>
<td>Sikalastic®-735 AL</td>
<td>Aliphatic 1-component UV resistant polyurethane wear course</td>
</tr>
</tbody>
</table>

**SYSTEM BUILD-UP**

**Features**

- Single component system
- Ease of application with unlimited pot life restrictions
- Seamless and fully bonded
- Eliminates lateral water migration undermining durability
- Elastomeric across temperature range
- Excellent crack bridging properties even at low temperatures
- Abrasion and chemical resistant
- Resist to light vehicle traffic, vehicle fluids spills and as well to deicing salts exposure
- Different variations of surface textures may be achieved
- Increased mechanical properties and slip resistance
- Liquid applied membrane, easily maintained
- Low cost to install and maintain
- Acceptable for exterior applications
- Enhanced wear and UV resistance, with broader choice of colours

**SYSTEM COMPONENTS**

<table>
<thead>
<tr>
<th>Zone</th>
<th>Sika® MT Primer or Sikalastic®-120 FS Primer (Optional)</th>
<th>Sikalastic®-710 NP Membrane</th>
<th>Wear Course I Sikalastic®-735 AL</th>
<th>Wear Course II Sikalastic®-735 AL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light (balconies and pedestrian areas)</td>
<td>6 - 10 mils (w.f.t.)</td>
<td>32 mils (w.f.t.)</td>
<td>20 mils (w.f.t.)</td>
<td>-</td>
</tr>
<tr>
<td>Light (parking stalls)</td>
<td>6 - 10 mils (w.f.t.)</td>
<td>32 mils (w.f.t.)</td>
<td>20 mils (w.f.t.)</td>
<td>-</td>
</tr>
<tr>
<td>Medium (drive lanes)</td>
<td>6 - 10 mils (w.f.t.)</td>
<td>32 mils (w.f.t.)</td>
<td>20 mils (w.f.t.)</td>
<td>20 mils (w.f.t.)</td>
</tr>
<tr>
<td>Heavy (traffic areas such as turn lanes, entrances and ramps)</td>
<td>6 - 10 mils (w.f.t.)</td>
<td>32 mils (w.f.t.)</td>
<td>20 mils (w.f.t.)</td>
<td>20 mils (w.f.t.)</td>
</tr>
</tbody>
</table>

* Disclaimer: All colours shown are as accurate as printing methods and display screens permit. Results may differ due to variations in application technique and gloss levels may vary depending upon product used. Final colour selections should be made based upon actual samples. Please consult a Sika Canada for detailed advice.

- Surface profiles and/or porosity will influence consumption required to achieve the minimum film thicknesses recommended.
- For surface textures broadcast aggregates and all other technical, application information and product limitations, refer to the Product Data Sheet of the related product.
- For slabs on grade, use Sika Ferrogard®-908, Sikagard® SN-40 Lo-VOC or Sikagard® SN-100 protective penetrating silane sealers.

SIKA SOLUTIONS FOR PARKING DECKS AND BALCONIES

Sikalastic®
TWO-COMPONENT: Sikalastic®-3900 Traffic System

This system utilizes polyurethane and epoxy technologies to protect steel-reinforced, concrete traffic and pedestrian decks from the damaging effects of chlorides and water ingress. Manufactured in Canada, specifically for Canadian conditions.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conforms to standard CSA S413-14</td>
<td>Conforms to most recent Canadian standards for parking garages</td>
</tr>
<tr>
<td>Low temperature crack bridging</td>
<td>Continued protection across ~1.5 mm (1/16 in) wide crack at -26 °C (15 °F)</td>
</tr>
<tr>
<td>Medium to low viscosity systems</td>
<td>Easy to install / increased productivity</td>
</tr>
<tr>
<td>Resistance to chemicals and solutions</td>
<td>Barrier to deicing salts and automotive fluids</td>
</tr>
<tr>
<td>Different variations of surface textures may be achieved*</td>
<td>Increased mechanical properties and slip resistance</td>
</tr>
<tr>
<td>Seamless waterproofing and protection</td>
<td>Prolonged service life of structures</td>
</tr>
<tr>
<td>Two-component, hybrid wearing courses</td>
<td>Excellent abrasion and wear resistance</td>
</tr>
</tbody>
</table>

*Surface texture will be determined by quantity and gradation of sand broadcasted into wear course

**Wear Course Colours**

- RAL 7015 Slate Grey
- RAL 9017 Traffic Black
- RAL 7046 Telegrey 2
- RAL 7012 Basalt Grey

*Disclaimer: All colours shown are as accurate as printing methods and display screens permit. Results may differ due to variances in application techniques and gloss levels may vary depending upon product used. Final colour selections should be made based upon actual samples. Please consult Sika Canada for detailed advice.

**SYSTEM COMPONENTS**

<table>
<thead>
<tr>
<th>Sikalastic®-3900 Traffic System</th>
<th>Product Name</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primer Options</td>
<td>Sika® MT Primer</td>
<td>Moisture-tolerant and adhesion promoting primer for dry or damp substrates</td>
</tr>
<tr>
<td></td>
<td>Sikalastic®-120 FS Primer</td>
<td>Adhesion promoting fast-setting primer</td>
</tr>
<tr>
<td>Membrane</td>
<td>Sikalastic®-390 Membrane</td>
<td>2-component elastomeric polyurethane waterproofing membrane</td>
</tr>
<tr>
<td>Wear Course Topcoat Options</td>
<td>Sikalastic®-391 N</td>
<td>Standard 2-component polyurethane-based wear course</td>
</tr>
<tr>
<td></td>
<td>Sikalastic®-394</td>
<td>2-component aliphatic, UV resistant polyurethane wear course</td>
</tr>
</tbody>
</table>

**TYPICAL PARKING DECK SYSTEMS**

Unless indicated otherwise, mils thicknesses equate to both w.f.t. and d.f.t., being 100% solids materials.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Sikalastic®-3900 Primer Options</th>
<th>Sikalastic®-3900 Membrane</th>
<th>Wear Course I</th>
<th>Wear Course II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light (parking stalls and pedestrian)</td>
<td>6 - 10 mils</td>
<td>25 - 30 mils</td>
<td>18 - 20 mils</td>
<td>-</td>
</tr>
<tr>
<td>Medium (drive lanes)</td>
<td>6 - 10 mils</td>
<td>25 - 30 mils</td>
<td>18 - 20 mils</td>
<td>15 - 20 mils</td>
</tr>
<tr>
<td>Heavy (turn lanes, ramps, entry/exit, ticket booth)</td>
<td>6 - 10 mils</td>
<td>25 - 30 mils</td>
<td>25 - 30 mils</td>
<td>15 - 25 mils</td>
</tr>
</tbody>
</table>

*Use Sikalastic®-394 as final wear course for UV resistance to sunlight exposure.

Additional wear course options, such as Sikalastic®-220 FS and Sikalastic®-8200, are also available. Contact your Sika Canada technical representative for features, advantages and recommendations.

Zone descriptions and thicknesses above are recommended for guideline purposes. If thickness variations are required outside of these parameters, contact Sika Canada.

Surface profile and/or porosity will influence consumption required to achieve the minimum film thicknesses recommended.

For surface textures (broadcast aggregates) and all other technical, application information and product limitations, refer to the Product Data Sheet of the related product.

For slabs on grade, use Sika Ferrogard®-908, Sikagard® SN-40 Lo-VOC or Sikagard® SN-100 protective penetrating silane sealers.

**SYSTEM BUILD-UP**

Light Duty Zones

- Wear Course I
- Membrane
- Primer

Medium to Heavy Duty Zones

- Wear Course II
- Membrane
- Primer
SIKA CAR PARK SOLUTIONS

When it comes to construction, maintenance and refurbishment of parking structures, Sika can help you at virtually every stage of the process with a fully integrated and warranted range of systems. These include: concrete admixtures, corrosion inhibitors, galvanic anodes and other forms of corrosion management; full-depth, patch or shallow repair mortars; anchoring adhesives and injection resins; joint sealants; penetrating sealers and protective/decorative coatings; right through to line marking materials for the deck membranes themselves. Sika has your car park covered!

ANCHORING
- Sika AnchorFix®
- Sikadur®
- SikaGrout®

STEEL PRIMERS AND BONDING AGENTS
- SikaTop® Armatec
- Sikadur®
- Sikagard®

CONCRETE AND FULL DEPTH REPAIRS
- Sikacrete®
- Sika® Viscocrete®

WATERPROOFING
- SikaProof®
- Sika® Greenstreak®
- Sikalastic®
- SikaSwell®
- Sikagard®

CORROSION MITIGATION
- Sika® Galvashield®
- Sika Ferrogard®
- Sika® Ebonex®

SURFACE REPAIR AND LEVELLING MORTARS
- SikaTop®
- Sika MonoTop®
- SikaQuick®
- Sikafloor®
- Sika® Pronto®
- Sikafloor® Level

MOISTURE MITIGATION SYSTEMS
- Sikagard® EpoCem®CA
- Sikafloor® EpoCem®CA
- Sika® Primer

EXPANSION AND CONTROL JOINTS
- Sikaflex®
- Sikasil®
- Sika® Duoflex®
- Sikadur® Combiflex®

CRACK INJECTION RESINS
- Sikadur®
- SikaFix®

PROTECTIVE SEALERS
- Sikagard®
- Sikafloor®
- Sika® Florseal
- Sikalastic® Duocel

PROTECTIVE AND DECORATIVE COATINGS
- Sikagard®
- Sika® Duroplast

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika’s current knowledge and experience of the products when properly stored, handled and applied under normal conditions, within their shelf life. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca