Sikagard®
Protective Coatings for Concrete
New Construction and Repair
Protective Coatings for Concrete
New Construction and Repair

Rigid Protection

Description
These systems are made for multi-purpose use as well as for protective and aesthetical requirements.

Advantages
- Easy application
- Medium to high performance
- For protection and aesthetic treatment
- Simple system set-ups

Rigid Systems

<table>
<thead>
<tr>
<th>System 1</th>
<th>System 2</th>
<th>System 3</th>
<th>System 4</th>
<th>System 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rigid coating, coloured, water-based</td>
<td>Rigid coating, coloured, water-based</td>
<td>Rigid coating, translucent</td>
<td>Rigid coating, coloured, water-repellent</td>
<td>Rigid coating, coloured, solvent-based</td>
</tr>
</tbody>
</table>

Primer:
- 1x Sikagard®-552 W Aquaprimer
- 1-component, water-based primer
- No primer

Coating:
- 2x Sikagard®-671 W ElastoColor
- 1-component, water-based acrylic dispersion
- 2x Sikagard®-671 W Translucex

Approval: ZTV-SIB 90, OS-C,

Elastic Protection

Description
Crack-bridging capabilities from low to high range.
For civil engineering and crack sensitive constructions.

Advantages
- Highest protection properties
- Low to high crack bridging properties
- Approved for low temperatures until –20°C
- Approved long time durability

Elastic Systems

<table>
<thead>
<tr>
<th>System 1</th>
<th>System 2</th>
<th>System 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elastic coating, coloured Crack bridging at –10 °C</td>
<td>Elastic coating, coloured Crack bridging at –20 °C</td>
<td>Elastic coating, coloured Crack bridging at –20 °C</td>
</tr>
</tbody>
</table>

Primer:
- 1x Sikagard®-552 W Aquaprimer
- 1-component, water-based primer
- 1x Sikagard®-552 W Aquaprimer
- 1x Sikagard®-552 W Aquaprimer
- 1x Sikagard®-552 W Aquaprimer

Coating:
- 2x Sikagard®-680 S Elastofill
- 1-component, water-based acrylic dispersion
- 2x Sikagard®-655 ES ElastoColor
- 1-component, crack-bridging, water-based acrylic dispersion
- 2x Sikagard®-655 ES ElastoColor
- 1-component, crack-bridging, water-based acrylic dispersion

Approval: ZTV-SIB 90, OS-DII 1,

Various colours corresponding to the Sika colour chart

Application Method for Rigid and Elastic Systems
## Protective Coatings for Concrete
### New Construction and Repair

<table>
<thead>
<tr>
<th>Product Coatings</th>
<th>Packaging</th>
<th>Application (Layers)</th>
<th>Total Consumption g/m² (depending on substrate conditions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sikagard®-550 W Elastic</td>
<td>15 l pail</td>
<td>2 – 3</td>
<td>~ 1000</td>
</tr>
<tr>
<td>Sikagard®-ElastoColor W</td>
<td>15 l pail</td>
<td>2</td>
<td>~ 500</td>
</tr>
<tr>
<td>Sikagard®-680 S</td>
<td>12.5 kg pail</td>
<td>2</td>
<td>~ 640</td>
</tr>
<tr>
<td></td>
<td>30 kg pail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sikagard®-545 W Elastofill</td>
<td>15 l pail</td>
<td>1 – 2</td>
<td>~ 800 – 1500</td>
</tr>
<tr>
<td>Sikagard®-670 W ElastoColor</td>
<td>15 l pail</td>
<td>2</td>
<td>~ 500</td>
</tr>
<tr>
<td>Sikagard®-671 W Translue</td>
<td>15 l pail</td>
<td>2</td>
<td>~ 450</td>
</tr>
<tr>
<td>Sikagard®-550 ES ElastoColor</td>
<td>15 l pail</td>
<td>2</td>
<td>~ 1100</td>
</tr>
<tr>
<td>SikaColor®-673 W Hydrophob</td>
<td>15 l pail</td>
<td>2</td>
<td>~ 500</td>
</tr>
</tbody>
</table>

### Primers

<table>
<thead>
<tr>
<th>Product Coatings</th>
<th>Packaging</th>
<th>Application (Layers)</th>
<th>Total Consumption g/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sikagard®-552 W Aquaprimed</td>
<td>2,5 l tin, 10 l pail</td>
<td>1</td>
<td>~ 110</td>
</tr>
<tr>
<td>Sikagard®-551 S</td>
<td>10 l pail, 20 kg pail</td>
<td>1</td>
<td>~ 100</td>
</tr>
</tbody>
</table>

## Also available from Sika

<table>
<thead>
<tr>
<th>Product Coatings</th>
<th>Image Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sikaflex®-9003</td>
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</tr>
<tr>
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</tbody>
</table>

All orders are accepted to our current terms of sale and delivery.
Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.

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**Sika AG**
Corporate Construction
CH-8048 Zürich
Switzerland
Phone +41 1 436 40 40
Fax +41 1 436 46 86
www.sika.com

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Your Local Sika Company