Sikagard®
Protective Coatings for Concrete
New Construction and Repair
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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

System 1
Rigid coating, coloured, water-based
Primer: Sikagard®-552 W Aquaprimer
1-component, water-based primer
Coating: 2x Sikagard®-670 W ElastoColor
1-component, water-based acrylic dispersion

System 2
Rigid coating, coloured, water-based
No primer
Coating: 2x Sikagard®-670 W ElastoColor
1-component, water-based acrylic dispersion

System 3
Rigid coating, translucent
Primer: 1x Sikagard®-551 S
1-component, solvent-based primer
Coating: 2x Sikagard®-671 W Translucce

System 4
Rigid coating, coloured, water-repellent
No Primer
Coating: 2x Sikagard®-673 W Hydrophob
1-component, solvent-based acrylic dispersion

System 5
Rigid coating, coloured, solvent-based

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

System 1
Elastic coating, coloured
Crack bridging at –10 °C
Primer: 1x Sikagard®-552 W Aquaprimer
1-component, water-based primer
Coating: 2x Sikagard®-680 S
1-component, solvent-based acrylic dispersion
Approval: ZTV-SIB 90, OS-DII 1

System 2
Elastic coating, coloured
Crack bridging at –20 °C
Pore Sealer: Sika MonoTop®-620
1-component, plastic-elastic filler coat, based on acrylic dispersion
Coating: 2x Sikagard®-545 W Elastic
1-component, crack-bridging, water-based acrylic dispersion
Approval: ZTV-SIB 90, OS-DII

System 3
Elastic coating, coloured
Crack bridging at –20 °C
Pore Sealer: Sika MonoTop®-620
1-component, plastic-elastic filler coat, based on acrylic dispersion
Coating: 2x Sikagard®-545 W Elastic
1-component, crack-bridging, water-based acrylic dispersion
Approval: ZTV-SIB 90, OS-DII

Various colours corresponding to the Sika colour chart
### 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>Sikagard®-545 W Elastofill</td>
<td>15 l pail</td>
<td>1 – 2</td>
<td>~ 800 – 1500</td>
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<tr>
<td>Sikagard®-670 W ElastoColor</td>
<td>15 l pail</td>
<td>2</td>
<td>~ 500</td>
</tr>
<tr>
<td>Sikagard®-671 W Translucé</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                       |               |                      |                                                         |
| Sikagard®-552 W Aquaprimmer   | 2.5 l tin 10 l pail | 1                  | ~ 110                                                   |
| Sikagard®-551 S               | 10 l pail 20 kg pail | 1                  | ~ 100                                                   |

**Also available from Sika**

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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Your Local Sika Company