Sikaflex®-591
MARINE MULTIPURPOSE SEALANT

- Robust, mold-resistant hybrid sealant
- Compatible with non-ferrous metals
- Lowest emission on the marine market
- Ideal for indoor and outdoor applications
- Overpaintable with most conventional marine painting systems
Sikaflex®-591

Sikaflex®-591 is based on Sika’s Silane Terminated Polymer (STP) technology. With its excellent resistance against the harsh maritime weathering conditions, it can be used for a wide range of applications. This is an exceptional marine sealant which provides a perfect solution for indoor and outdoor applications with an excellent UV stability. Sikaflex®-591 exceeds common environmental and safety standards and sets a new benchmark from an ecological point of view.

For specific applications consult the product data sheet or contact your Sika Technical Service.

**PRODUCT BENEFITS**

- Excellent overpaintable with the most 1C and 2C paints
- Interior and exterior applications
- Great compatibility with non-ferrous metals such as brass, bronze and copper
- Significant weathering performance
- Free of isocyanate, solvents, PVC, phthalates and tin catalysts
- Fungicidal
- Robust and durable product

**AREAS OF APPLICATION**

- Interior and exterior sealing applications
- Suitable for elastic, vibration-resistant joint seals
- Overpaintable with most conventional marine paints and primers
- Compatible with non-ferrous metals, ceramic metals and plastics

**Typical Product Data**

<table>
<thead>
<tr>
<th>Chemical base</th>
<th>Silane Terminated Polymer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Cure mechanism</td>
<td>Moisture-curing</td>
</tr>
<tr>
<td>Density (uncured)</td>
<td>1.5 kg/l</td>
</tr>
<tr>
<td>Non-sag properties</td>
<td>Very good</td>
</tr>
<tr>
<td>Application temperature</td>
<td>5 - 40°C</td>
</tr>
<tr>
<td>Skin time$^1$</td>
<td>25 minutes</td>
</tr>
<tr>
<td>Open time$^1$</td>
<td>20 minutes</td>
</tr>
<tr>
<td>Shore A hardness</td>
<td>45</td>
</tr>
<tr>
<td>Shelf life (storage below 25°C)</td>
<td>12 months</td>
</tr>
</tbody>
</table>

$^1$ After 7 days

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Our most current General Sales Conditions shall apply. Please consult the Data Sheet prior to any use and processing.