

# OTTO Siloxan 290L

## Technical Datasheet

Characteristics:	<ul style="list-style-type: none"> <li>- Ready-to-use silicone surface impregnation</li> <li>- High penetration depth</li> <li>- UV-resistant</li> <li>- Can also be applied on moist substrates (not rain-wet)</li> <li>- Forms a water- and dirt-repelling surface</li> <li>- The hydrophobe effect prevents the penetration of moisture from the outside to the inside but it lets the internal moisture escape to the outside.</li> <li>- Bridges hair cracks up to a width of 0,3 mm</li> <li>- Reduces the tendency of treated surfaces to pick up dirt</li> <li>- Avoids humidity in the construction material thus avoids salt efflorescence as well as moss and algae growth</li> <li>- Paintable with commercial dispersion paints</li> <li>- Low odour</li> <li>- Colourless</li> <li>- Slight deepening of colour is possible</li> </ul>				
Fields of application:	<ul style="list-style-type: none"> <li>- Hydrophobic treatment of façades and building components made of concrete, cellular concrete, fibre cement, brick-work, natural and artificial stone, mineralic plasters and coatings</li> <li>- Drainage of moist and cracked surfaces, which are then painted using dispersion paints</li> <li>- Only for vertical surfaces</li> </ul>				
Important information:	<p>OTTO Siloxan 290 L prevents water from penetrating building surfaces without reducing their breathability. OTTO Siloxan 290 L improves thermal insulation of the treated facade and therefore saves costs for heating. Beside a reduced water absorption the impregnated material shows a substantially lower trend for pollution. Algae, moss attack and salt efflorescence can hence be prevented. Special advantages of OTTO Siloxan 290 L are the high penetration depth, the alkaline and UV-resistance and the application even on slightly humid substrates. The trading units are to be protected from temperatures above +30 °C and should be stored unopened.</p>				
Technical properties:	<table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">Density at + 23 °C [g/cm<sup>3</sup>]</td> <td style="text-align: right;">~ 0,8</td> </tr> <tr> <td style="padding-right: 20px;">Shelf life at 20 °C/50 % RH [months]</td> <td style="text-align: right;">12</td> </tr> </table> <p>These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.</p>	Density at + 23 °C [g/cm <sup>3</sup> ]	~ 0,8	Shelf life at 20 °C/50 % RH [months]	12
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Pretreatment:	<p>The substrates have to be free of dust and fat, stable and almost dry. Weathered surfaces with salt efflorescences should be cleaned by sandblasting, steaming or by cleaning with suitable detergents. Moss, mould and algae attack have to be removed completely.</p>				
Application information:	<p>Apply OTTO Siloxan 290 L with a brush or a spray gun from top to bottom. Shake well before use. OTTO Siloxan 290 L may be applied in one or several layers. OTTO Siloxan 290 L should be applied in several layers, the previous layer must be wet when the subsequent layer is applied. Avoid splashes on adjacent surfaces, e. g. glass, window and doorframes made of wood and metal, gutter and elastic expansion joints while using a covering. The same goes for splashes on adjacent façades, because the</p>				

colour can be deepened by OTTO Siloxan 290 L. Compatibility to plastics in façades or flat roof areas has to be checked before hydrophobizing. In case of strongly weathered mortar joints we recommend pretrials to test the effectiveness of the hydrophobizing.

**Quantity:**

- Concrete 0,25 - 0,5 litre/m<sup>2</sup>
- Plaster 0,5 - 1 litre/m<sup>2</sup>
- Sandstone 0,4 - 0,7 litre/m<sup>2</sup>
- Brickwork 0,4 - 2 litre/m<sup>2</sup>
- Cellular concrete 0,5 - 2 litre/m<sup>2</sup>
- Cement fibre boards 0,1 - 0,3 litre/m<sup>2</sup>
- Natural stone 0,05 - 3 litre/m<sup>2</sup>

Due to the many possible influences during and after application, the customer always has to carry out trials first.

Please observe the recommended shelf life which is printed on the packaging.

**Packaging:**

	5 l tin canister	10 l tin canister	25 l tin canister
-	SXN-58	SXN-60	SXN-62
<b>Packaging unit</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Pieces per pallet</b>	<b>82</b>	<b>50</b>	<b>24</b>

**Safety precautions:**

Please observe the material safety data sheet.

**Disposal:**

Information about disposal: Please refer to the material safety data sheet.

**Warranty information:**

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information given in this technical data sheet and explanations of OTTO-CHEMIE in connection with this technical data sheet (e.g. service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration of OTTO-CHEMIE to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary - resolving it. For the rest our general terms and conditions apply, in particular regarding a possible liability for defects. You can find our general terms and conditions on our homepage: <http://www.otto-chemie.de/en/terms-and-conditions>