

# Sikagard<sup>®</sup>-703W

## Water-repellent for facades

Construction

<b>Description</b>	Sikagard <sup>®</sup> -703W is a liquid, ready for use, silane/siloxane based impregnation
<b>Uses</b>	<ul style="list-style-type: none"> <li>▪ Making the facades water-repellent</li> <li>▪ Protection of the building materials against surface waters. Sikagard<sup>®</sup>-703W is applied on substrates made of concrete, mortar, masonry, brick, stone, asbestos-cement etc.</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>▪ Product in aqueous phase with strong water-repellent capacity</li> <li>▪ Improves the façade resistance to the ingress of surface waters</li> <li>▪ Water-repellent effect: While it allows the substrate to breathe, it protects construction materials from raining water.</li> <li>▪ Treatment is invisible that does not modify the substrate aspect</li> <li>▪ Improves the resistance to dirt and reduces the bonding of fungi, lichens..</li> <li>▪ Does not modify the substrate porosity</li> <li>▪ Can be coated with various paints</li> </ul>
<b>Storage and Shelf Life</b>	Store away from frost, at temperatures between +5°C and +40°C. Sikagard <sup>®</sup> -703W stored in an unopened packaging has a one year shelf life. Once frozen, this product cannot be used anymore.
<b>Instructions for Use</b>	
<b>Consumption/Dosage</b>	<p>Depends on the substrate porosity:</p> <ul style="list-style-type: none"> <li>▪ On concrete and mortar : 150 to 200 g/m<sup>2</sup></li> <li>▪ On porous materials : between 300 to 500 g/m<sup>2</sup> depending on the porosity (a preliminary test is necessary to determine the exact consumption)</li> </ul>
<b>Substrate Preparation</b>	<p>Best results are obtained on dry very absorbent substrate. The substrate must look dry with no damp patches. All cement based substrates (mortar, concrete) must be at least 7 days old. The surface must be clean and free of dust, oil, old paint, efflorescence, lichens and fungi. Protect glass surfaces and aluminium frames.</p>
<b>Application Method</b>	<p>Sikagard<sup>®</sup>-703W is applied in a single even layer from top to bottom taking care not to let the product run. Use a spray gun, brush or roller.</p> <p>On any substrate, the optimum effectiveness is reached after a few days.</p> <p>The treated surface must be protected from the rain while Sikagard<sup>®</sup>-703W is drying (for a few hours, depending on the ambient conditions).</p>
<b>Ambient Temperature</b>	Temperatures (ambient, substrate and product) must be between +5°C and +30°C.

**Technical Data (Typical)**

<b>Form</b>	Liquid
<b>Colour</b>	Whitish
<b>Density</b>	20°C : ≈ 1 kg/L
<b>pH Value</b>	8 to 10
<b>Packaging</b>	5 litre pails
<b>Certification &amp; Official Tests</b>	PV VERITAS n° GEN 11010361 D/01 and n° GEN 11010361 d /02 ageing, permeability, water absorption.
<b>Limitations</b>	Water-repellency is reduced significantly when the substrate is heavily cracked. The water-repellent effect is not effective on horizontal surfaces.

**Important Notification**

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. 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 written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

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