

**BLUESIL<sup>TM</sup>**  
**WR 68**

## Water Repellent Treatment

<b>Description</b>	Methyl hydrogeno polysiloxane
<b>Examples of applications</b>	<ul style="list-style-type: none"> <li>- Water repellent treatment of plaster used to produce tiles and boards.</li> <li>- Water repellent treatment of dry-sprayed substances (e.g.: extinguisher powders, various fillers).</li> </ul>
<b>Characteristics</b>	<p>Appearance..... clear liquid</p> <p>Active ingredients, % approx..... 100</p> <p>Specific gravity at 25 °C, approx..... 1.0</p> <p>Viscosity at 25 °C, mm<sup>2</sup>/s, approx..... 25</p> <p>Flash point (closed cup) °C, approx..... 110</p> <p>Diluents ..... aliphatic or aromatic hydrocarbons, esters, ketones</p>
<b>Processing</b>	<p><b>1. <u>Water repellent treatment of plaster</u></b></p> <p><b>BLUESIL WR 68</b> is added to the water to be mixed with the plaster preparation. Good water repellent properties are obtained by adding 0.2 to 0.5 % <b>BLUESIL WR 68</b> relative to the plaster powder. The quantity of water repellent varies according to the grade of plaster and the plaster-water mixing ratio.</p> <p>Adding <b>BLUESIL WR 68</b> to the plaster enables water absorption to be limited to values less than those set in current European standards.</p> <p><b>2. <u>Treating fillers</u></b></p> <p>In this case <b>BLUESIL WR 68</b> is used on its own, or for example with 3 % of glycol tetraoctylene titanate. Polymerisation takes place at room temperature. It may be accelerated by heating for a few minutes at 150 °C.</p> <p><b>Comments:</b> <i>Do not bring near potash or caustic soda or any other alkaline compound. There is a risk of a violent release of highly inflammable products.</i></p> <p><i>Similarly, do not use in the presence of alcohols (or solvents containing a significant proportion of them) or other components containing reactive hydrogen atoms (SH, OH...) since hydrogen release may again occur.</i></p>
<b>Packaging</b>	<b>BLUESIL WR 68</b> is delivered in 200 kg and 1 000 kg containers.

# BLUESIL™ WR 68

## Storage and shelf life

When stored in its original packaging at a temperature of between -20°C and + 30°C, **BLUESIL WR 68** may be stored for up to 18 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging.

Beyond this date Bluestar Silicones no longer guarantees that the product meets the sales specifications.

## Safety

Consult the Safety Data Sheet for **BLUESIL WR 68**.

Visit our website [www.bluestarsilicones.com](http://www.bluestarsilicones.com)

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