

Description	Methyl hydrogen polysiloxane
Examples of applications	<ul style="list-style-type: none"> • Water repellent treatment of plaster used to produce tiles and boards. • Water repellent treatment of dry-sprayed substances (e.g.: extinguisher powders, various fillers).

Key benefits	Please consult your local ELKEM SILICONES sales office.
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Typical properties		BLUESIL WR 68
	Appearance	Clear liquid
	Viscosity	25 mm ² /s
	SiH content	44.5 %

Appearance.....	clear liquid
Active ingredients, % approx.....	100
Specific gravity at 25 °C, approx.....	1.0
Viscosity at 25 °C, mm ² /s, approx.....	25
Flash point (closed cup) °C, approx.....	110
Diluents.....	aliphatic or aromatic hydrocarbons, esters, ketones

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use	<p>1. Water repellent treatment of plaster</p> <p>BLUESIL WR 68 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 % BLUESIL WR 68 relative to the plaster powder. The quantity of water repellent varies according to the grade of plaster and the plaster-water mixing ratio. Adding BLUESIL WR 68 to the plaster enables water absorption to be limited to values less than those set in current European standards.</p> <p>2. Treating fillers</p> <p>In this case BLUESIL WR 68 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 .</p> <p>Comments: 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.</p> <p>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.</p>
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Packaging	<ul style="list-style-type: none"> • BLUESIL WR 68 is available in <ul style="list-style-type: none"> ○ Drum of 25 KG (55.13 LB) ○ Pallet of 1000 KG (2205 LB) ○ Drum of 200 KG (441 LB)
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Storage and shelf life	When stored in its original packaging:
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BLUESIL WR 68

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BLUESIL WR 68 may be stored at a temperature between -20 °C/ -4 °F and 30 °C/ 86 °F for up to 18 months from its date of manufacturing.

Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Safety	Please consult the Safety Data Sheet of: BLUESIL WR 68

Visit our website www.silicones.elkem.com

Warning to the users

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