



# Bluesil™ water repellents for sustainable construction materials

Bluestar Silicones. Delivering Your Potential.

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# Make your home comfortable



Most of the construction materials are sensitive to water and consequently can be damaged when exposed to humidity with severe consequences:

- swelling - bending
- development of fungi, algae, moss and even rot
- loss of thermal insulation

**Bluesil™ water repellents can be used in a wide range of industrial processes in order to bring a high level of water repellency to several construction materials with large benefits:**

- increased comfort at home
- healthy environment
- energy cost saving
- reduced maintenance



# Bluesil™ range for construction materials

Bluesil™	WR68	EMUL 269	EMUL 242	EMUL 872	BP 9400	BP 9710	BP 9705	BP 9900
<b>Family</b>								
Hydrogeno polysiloxane	●							
Polysiloxane emulsion and/or H siloxane		●	●	●		●	●	●
Siloxanes					●			
<b>Properties</b>								
Thinner	none	water	water	water	solvent	water	water	water
Appearance	clear	milky white	milky white	milky white	clear yellowish	milky white	milky white	milky white
Actives ingredients (%)	100	50	42	56	100	44	50	55
<b>Applications</b>								
Tiles / bricks					■ ■	■ ■	■	■ ■
Gypsum / plasterboards	■ ■ ■	■ ■						
Mineral based insulating materials		■ ■	■ ■ ■ ■	■ ■		■ ■	■ ■ ■ ■	■ ■ ■ ■
Insulating bio materials						■ ■	■ ■	■ ■
Fire estinghuiser powders	■ ■ ■							
Formulation additives (paints, stains...)					■ ■ ■	■	■ ■ ■	■ ■ ■

■ Possible ■ ■ Suitable ■ ■ ■ Ideal

Thanks to eco-friendly optimized formulations, these products are notably recommended to protect new materials for energy efficient constructions.





pentaco - Photos: Cover: xxxx. Inside: xxxxx

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*For detailed commercial contacts please visit our website:  
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